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Budget Office

United States
Department of
Agriculture

Cooperative State
Research Service

Inventory of Agricultural Research Fiscal Year 1987

INVENTORY OF AGRICULTURAL RESEARCH

FISCAL YEAR 1987

Fiscal Year 1987 covers the period from October 1, 1986, through September 30, 1987.

This report was compiled from data supplied to the Current Research Information System, Cooperative State Research Service, by U.S. Department of Agriculture Research Agencies, State Agricultural Experiment Stations, Forestry Schools and Other Institutions.

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INTRODUCTION

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966 on research conducted by the United States Department of Agriculture (USDA), State Agricultural Experiment Stations (SAES), Forestry Schools, Colleges of 1890 and Tuskegee University, Colleges of Veterinary Medicine, and Other Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study, A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA Research Agencies on Forms AD-416, AD-417, and AD-418, and by State Agricultural Experiment Stations and Other Institutions on Forms AD-416, AD-417, and AD-419. (See Table of Contents.)

From 1968 through 1981, the Inventory was published in three-volume sets. Publication of Volume I was discontinued in 1982. Volumes II and III were combined into a single volume in 1983.

Tables in the II series show scientist years and funds for USDA agencies and SAES et al. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for SAES et al. by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the long-range study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the long-range study. The III-E and IV-E Tables provide summaries of funds and scientist years by agency or station/institution.

Table V shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (agricultural or forestry), activity, commodity, and Research Problem Area (RPA) classification.

All funds appearing in this volume are gross figures. This means that funds not allocated to specific research projects, but considered to be an integral part of the cost of doing research, are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects vary among the stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972, Tables III and IV reflected net funds.

Starting with Fiscal Year 1982, all inventory tables include data from cooperating Schools of Veterinary Medicine. Starting with Fiscal Year 1986, funds provided by the Agency for International Development (AID) are included with Other Federal Funds in Series II, III and IV Tables.

Funds and staff support for a number of Forestry Schools and Schools of Veterinary Medicine are included with the State Agricultural Experiment Station figures, rather than listed independently.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research," Revision IV, Feb. 1982, available from the Current Research Information System, Cooperative State Research Service, U.S. Department of Agriculture.

Classification on individual Research Work Unit/Projects is provided on Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

> "Activity" - 4500 (Insect control), "Commodity" - 2100 (Cotton), "Field of Science" - 0412 (Entomology), "Research Problem Area" - 207 (Insect pests of field crops) - 100%

Some inputs (projects) could not be classified on a single classification line. For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input form, three-fourths of the emphasis were on disease resistance and one-fourth on yield, the lines would be:

> "Activity" - 4600 (Disease control), "Commodity" - 1400 (Corn), "Field of Science - 0512 (Genetics), "Research Problem Area" - 208 (Control of disease of field crops) - 75%
>
> "Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn), "Field of Science" - 0512 (Genetics), "Research Problem Area" - 307 (Improvement of biological efficiency of field crops) - 25%

In the Research Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of field crops," and 25% would be aggregated with other projects in the Research Problem Area, "Improvement of biological efficiency of field crops." In the Commodity tabulations, 100% of this project would be in "corn."

FOREST SERVICE DATA FOR FY 1987 IS ESTIMATED. ACTUAL DATA WILL NOT BE AVAILABLE UNTIL THE COMPLETION OF A MAJOR COMPUTERIZATION EFFORT THAT IS CURRENTLY UNDERWAY.

TABLE II

Table II summarizes data on the research programs of the United States Department of Agriculture (USDA) research agencies, the State Agricultural Experiment Stations (SAES), Forestry Schools, Colleges of 1890 and Tuskegee University, Colleges of Veterinary Medicine and Other Institutions.

Column 1 includes abbreviations for the Commodity and Research Problem Area (RPA) Classifications. See the Manual of Classification of Agricultural and Forestry Research, Revision IV, February 1982, for a more detailed description of the Commodity and RPA classification.

"NO OF PROJ," column 2 gives the number of projects in a particular classification category. Projects with more than one line of classification may be tabulated in more than one category.

"SCIENTIST YEARS," column 3 includes for SAES et al. all research workers with a rank of Assistant Professor or above. It excludes graduate assistants and research administrators. For staff members engaged in research and teaching (or other nonresearch activities), only the full-time equivalent of the portion of time devoted to research is included. A count of the different individuals engaged in the program would be greater than the scientist-years reported. For USDA agencies, scientist-years include research workers whose rating is GS-11 or above. It does not include those with GS-7 or GS-9 ratings or those engaged in research administration. Scientists who start work after October of the Fiscal Year, or whose employment is terminated before September 30, are reported for only that portion of the year which represents actual employment.

"REG FED APPR (CSRS ADMSTRD)," column 4 means Regular Federal Appropriations (including those administered by the Cooperative State Research Service). For USDA research agencies, including Competitive Research Grants, CSRS Special Grants, and Small Business Innovative Research Grants, the amounts reported are the sums of the amounts in Fields 101, 104, 105, 106 and 107 of Form AD-418, plus the amount in Field 19 of Form AD-416 for grants and contracts in the year of obligation. The second portion of this heading, "CSRS ADMSTRD," applies only to Federal funds made available by CSRS to SAES et al. For these institutions, the amounts reported are the sums of the amounts in Fields 201, 202, 203 and 205 of Form AD-419.

"TOTAL FUNDS," column 5 includes for USDA all funds under "REG FED APPR," plus "Other Federal Research Funds" as reported on Form AD-418, plus "Non-Federal Research Funds" as reported on Form AD-418. For SAES et al. "TOTAL FUNDS" includes "REG FED APPR," plus "Other Federal Research Funds" as reported on Form AD-419, plus "Non-Federal Research Funds" as reported on Form AD-419.

"USDA CON/GR/CA WITH SAES," columns 6 and 7 refer to contracts, grants, and cooperative agreements under which the USDA uses federally appropriated funds to SAES et al. for the performance of specific research tasks. They include Competitive Research Grants and CSRS "Special Grants" but not grants from other CSRS administered funds. Scientist-years and fund data reported in these columns are also included in columns 3 and 5. SAES et al. report expenditures of these funds in Fields 204 and 219 of Form AD-419. Scientist-years supported by these funds are not reported separately for SAES et al. in column 6 but are included in column 3. USDA agencies treat each contract, grant, or cooperative agreement with an SAES as a separate work unit or project. The amounts included in column 7 by USDA are reported in Field 19 of Form AD-416. This field shows the expected scientist-years to be "purchases," usually over a multiyear period, with the funds reported as obligated.

In the tables for National Total USDA, SAES and Other Institutions, all data have been adjusted to eliminate double counting of the scientists and funds involved in USDA contracts, grants, and cooperative agreements with the SAES et al. This is done for scientist years by adding USDA amounts in column 3 to the corresponding amounts for SAES et al. and subtracting the USDA amounts in column 6. This is done for funds by adding USDA amounts in column 5 to the corresponding amounts for SAES et al. and subtracting the USDA amounts in column 7.

TABLE III

Table III summarizes data on the research programs of the USDA research agencies.

Columns 1 and 2 are the same as those columns in Table II.

STAFF - IH SUPPORT YEARS

Column 3, "SYS" is the number of federally employed (in-house) support scientist years (Field 141 of Form AD-418 and Field 95 of Form AD-416 in the case of contracts, grants, and cooperative agreements with SAES).

Column 4, "OTHER" is a summation of the federally employed (in-house) staff support for research in years of effort for Professional, Technical and Other (Fields 142, 143 and 144 of Form AD-418).

FUNDS - IN THOUSANDS OF DOLLARS

Columns 5-15 involve rounding each datum to the nearest $1,000, and because of this the items in a column may not add exactly to the total shown. Please note that funds shown are gross obligations.

Column 7, "REG IN HOUSE" includes regular appropriations used for in-house research (Field 101 of Form AD-418).

Column 8, "CGCA SAES" includes funds obligated during the year from regular appropriations in contracts, grants, and cooperative agreements with State Agricultural Experiment Stations (Field 19 of Form AD-416).

Column 9, "OTHER CN GT" includes funds obligated during the year from regular appropriations in contracts and grants with research organizations other than those included in Column 8 (Field 19 of Form AD-416).

Columns 10 and 11, "SP FD 015" and "SP FD 010" include obligations for subprofessional help on research programs based on two special funds available to the Agricultural Research Service. (See Fields 104 and 105 of Form AD-418)

Column 12, "FOREST SERV" includes funds received by the Forest Service under provisions of the Whitten Act (Field 106 of Form AD-418).

Column 13, "OTHER USDA" includes any other USDA funds appropriated for research which are not identified with Fields 101 to 106, inclusive, of Form AD-418 (reported in Field 107 of Form AD-418).

Column 14, "TOTAL USDA APPR" is a total of the amounts reported in Columns 7, 8, 9, 10, 11, 12 and 13.

Column 15, "OTHER FED FUND" includes all funds from Federal sources other than USDA research appropriations (Fields 308, 310-316, inclusive, and Field 318 of Form AD-418).

Column 16, "NON-FED FUND" includes all funds made available to the Department for research by non-Federal agencies (Field 133 of Form AD-418).

Column 17, "TOTAL" is a summation of all funds reported in Columns 14, 15 and 16.

TABLE IV

Table IV summarizes data on the research programs of the State Agricultural Experiment Stations (SAES), Forestry Schools, Colleges of 1890 and Tuskegee University, Colleges of Veterinary Medicine and Other Institutions.

Included in the summaries for the Northeast Region are the research programs of all SAES et al. in: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont and West Virginia.

Included in the summaries for the Southern Region are the research programs of all SAES et al. in: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, Virginia and the Virgin Islands.

Included in the summaries for the North Central Region are the research programs of all SAES et al. in: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota and Wisconsin.

Included in the summaries for the Western Region are the research programs of all SAES et al. in: Alaska, American Samoa, Arizona, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming and Micronesia.

Columns 1 and 2 are the same as those columns in Table II.

STAFF - SUPPORT YEARS

Column 3, "SYS" is the number of scientist years (Field 241 of Form AD-419).

Column 4, "OTHER," is the summation of the nonfederally employed staff support for research in years of effort for three categories of support personnel, i.e. Professional, Technical and Other (Fields 242, 243 and 244 of form AD-419).

FUNDS IN THOUSANDS OF DOLLARS

Columns 5-19, inclusive, involve rounding each datum to nearest $1,000, and because of this, items in a column may not add exactly to the total shown.

Column 5, "HATH/RRF," includes obligations of formula funds, including regional research funds, received by SAES from Federal appropriations authorized under provisions of the Hatch Act (Field 201 + Field 202 of Form AD-419).

Column 6, "MCIN STEN," includes obligations of funds received by SAES and Forestry Schools under provisions of the McIntire-Stennis Act (Field 203 of Form AD-419).

Column 7, "SP GT" includes obligations of funds received by SAES et al. from the Federal appropriations made to CSRS for Special Grants (Field 204 of Form AD-419).

Column 8, "COMP GT" includes expenditures of funds received by SAES et al. from the Competitive Research Grants Program (Field 204 of Form AD-419).

Column 9, "EVNS ALLN" includes obligations of formula funds received by the Colleges of 1890 and Tuskegee Institute from Federal appropriations authorized under PL 95-113, Section 1445 (Field 204 of Form AD-419).

Column 10, "ANML HLTH" - Animal Health and Disease Research includes obligations of formula funds received by Colleges of Veterinary Medicine and SAES from Federal appropriations authorized under PL 95-113, Section 1433 (Field 205 of Form AD-419).

Column 11, "OTH CSRS" includes obligations of funds received by SAES et al. from any appropriation administered by CSRS other than those specifically mentioned in columns 5-10 (Field 205 of Form AD-419).

Column 12, "TOTAL CSRS" includes obligations of funds received by SAES et al. from Federal appropriations made to CSRS. It is a total of the amounts reported in columns 5, 6, 7, 8, 9, 10 and 11.

Column 13, "USDA CGCA" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with the research performing agencies of the USDA (Field 219 of Form AD-419).

Column 14, "OTH FED" includes obligations of funds received by SAES et al. from contracts, grants and cooperative agreements with Federal agencies other than the USDA (Field 332 minus Fields 219 and 308 of Form AD-419).

Column 15, "STATE APPRO" includes obligations of funds received by SAES et al. from State appropriations (Field 220 of Form AD-419).

Column 16, "PROD SALES" includes obligations of funds received by SAES et al. from sale of products (Field 221 of Form AD-419).

Column 17, "INDTRY" includes obligations of funds received by SAES et al. from industry (Field 222 of Form AD-419).

Column 18, "OTHER" includes obligations of funds received by SAES et al. from any other non-Federal sources (Field 223 of Form AD-419).

Column 19, "TOTAL" includes all obligations of SAES et al. in support of research projects. It is a total of columns 12, 13, 14, 15, 16, 17 and 18.

TABLE IV-F

Columns 1, 2, 3 and 4 are the same as above.

Column 5, "CSRS ADM" is the sum of all funds received by SAES et al. from any sources administered by CSRS (Fields 201, 202, 203, 204 and 205 of Form AD-419).

Column 6 "USDA CGCA" same as column 13 above (Field 219 of Form AD-419).

Column 7 "NSF" includes obligations of funds received by SAES et al. from the National Science Foundation (Field 209 of Form AD-419).

Column 8 "DOE" includes obligations of funds received by SAES et al. from the Department of Energy (Field 310 of Form AD-419).

Column 9 "AID" includes obligations of funds received by SAES et al. from the Agency for International Development (Field 308 of Form AD-419).

Column 10 "DOD" includes obligations of funds received by SAES et al. from the Department of Defense (Field 311 of Form AD-419).

Column 11 "NIH" includes obligations of funds received by SAES et al. from the National Institutes of Health (Field 316 of Form AD-419).

Column 12 "PHS" includes obligations of funds received by SAES et al. from the Public Health Services (Field 312 of Form AD-419).

Column 13 "HHS" includes obligations of funds received by SAES et al. from the Department of Health and Human Services (Field 313 of Form AD-419).

Column 14 "NASA" includes obligations of funds received by SAES et al. from the National Aeronautics and Space Administration (Field 314 of Form AD-419).

Column 15 "TVA" includes obligations of funds received by SAES et al. from the Tennessee Valley Authority (Field 315 of Form AD-419).

Column 16 "OTHER" includes obligations of funds received by SAES et al. from any non-USDA Federal sources not listed above (Field 318 of Form AD-419).

Column 17 "TOTAL OTHER FED" includes obligations of funds received by SAES et al. from all non-USDA Federal sources. It is a total of the amount reported in Columns 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16 (Field 332 of Form AD-419).

Column 18 "TOTAL NON-FED" includes obligations of funds received by SAES et al. from all non-Federal sources (Field 233 of Form AD-419).

Column 19 "TOTAL" includes all obligations of SAES et al. in support of Research Projects. It is a total of Columns 5, 6, 17 and 18 (Field 234 of Form AD-419).

TABLE V

Table V summarizes data on the research programs of the USDA research agencies, the State Agricultural Experiment Stations (SAES), Forestry Schools, Colleges of 1890 and Tuskegee University, Colleges of Veterinary Medicine and Other Institutions. Table V-B shows scientist years by Research Program. Table V-C shows scientist years by Research Program Group.

The material is organized into manageable units and subunits based on type of research (agricultural or forestry), Activity, Commodity and Research Problem Area (RPA) classification. The various Activity X Commodity X RPA combinations for the two types of research aggregate to 63 Research Programs (RPs) which, in turn, aggregate to eight (8) Research Program Groups (RPGs). One additional RP/RPG has been established for unclassified projects. Duplication has been eliminated by designating each unique Type X Activity X Commodity X RPA combination as having a primary impact on only one of the 63 RPs. For example, a research project conducted by the Agricultural Research Service concerning watershed protection, Activity 4820 "Protection against Flood" Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having a primary impact on RP 1.02 "Water and Watersheds." A research project conducted by the Forest Service concerning watershed protection Activity 4820 "Protection against Flood" Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having primary impact on RP 2.04 "Forest Watersheds, Soils, and Pollution."

The Research Program key shows the Type X Activity X Commodity X RPA combinations that aggregate to each RP. Forestry Research (type) includes all research conducted by Forest Service, Forestry Schools funded by McIntire-Stennis or designated Forestry by the Cooperative State Research Service. All other research is considered agricultural research. Columns 3 and 4 (agricultural) and 3 and 5 (forestry) show the combinations which have primary impact on each research program.

Effective with Fiscal Year 1980 data, a number of changes were made to the Research Program Group (RPG) and Research Program (RP) structures described in this publication. Added visibility for the Food and Human Nutrition Research area was achieved by removing it from former RPG 5.00 - People, Communities and Institutions establishing a new RPG 8.00 - Food Science and Human Nutrition. The title for RPG 5.00 was amended to "People, Communities and Institutions - including Rural Development" and two new RPs were added. Commodity oriented research, formerly classified under RPG - 7.00 General Research or Technology, was moved to the appropriate major category (RPG) by adding a number of new RPs to RPG 1.00 - Natural Resources, RPG 2.00 - Forestry, RPG 3.00 - Crops, and RPG 4.00 - Animals. Additionally, former RP 7.01 was split into two RPs. Please see the RPG/RP table for the specific changes.

Scientist years (SYS) are listed by performing organization with the following exception: SYS funded by USDA contracts, grants and cooperative agreements with organizations other than SAES are listed by funding organization.

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH RESUME

U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER INSTITUTIONS

DATE (Day, Month, Year) | AMENDMENT ☐

1. ACCESSION NO. | AGENCY IDENTIFICATION NO. 2. 3. 4. | 5. WORK UNIT/PROJECT NO. | 6. STATUS: New A ☐ Extended B ☐ Revised C ☐ Terminated E ☐ Pending F ☐

7. TITLE

8. PERFORMING ORGANIZATION | CITY | STATE/COUNTRY | ZIP CODE | CONG. DISTRICT

13. RESPONSIBLE ORGANIZATION | CITY | 14. STATE | ZIP CODE

12. INVESTIGATOR NAME(S) (Last name & initials)
1 _____ 4 _____
2 _____ 5 _____
3 _____ 6 _____

15. RESPONSIBLE INDIVIDUAL (Last name & initials)

16. RESEARCH LOCATION ON CAMPUS? A ☐ Yes B ☐ No

PROJECT TYPE

17-1. FOR USDA USE: A ☐ Contract B ☐ Grant C ☐ Coop. Agmt. D ☐ In-house

17-2. FOR USDA USE: Contr./Gr./Agmt. with SAES A ☐ Other B ☐

18-1. FOR STATE USE: 1890/T ☐ Hatch H ☐ | SP GR G ☐ M-S M ☐ | RD V R ☐ State S ☐ | CRGO C ☐ AH A ☐ | Alcohol Ind I ☐ | SBRG B ☐ Native Latex L ☐

CONTRACTS, GRANTS & COOPERATIVE AGREEMENTS

18-4. CONTR./GR./AGMT./NO.

19-1. FACE AMOUNT

18-5. FOR STATE USE: ARS A ☐ ERS B ☐ FS C ☐ ACS D ☐ SRS E ☐

19-2. TOTAL SYS.

20. F Y

21. FACILITIES: A ☐ Federally-owned B ☐ Federally-leased C ☐ Combined D ☐ State E ☐ Other

22.-23. REGIONAL PROJECT NO.

24. OBJECTIVES 25. APPROACH (Use space needed for "24. OBJECTIVES", then indicate "25. APPROACH".)

27. KEYWORDS

RECOMMENDED			APPROVED — Check applicable one — CONCURRED		
SIGNATURE	TITLE	DATE	SIGNATURE	TITLE	DATE

28. AWARD DATE (Day, Mo., Yr.) | 29. START DATE (Day, Mo., Yr.) | 30. TERMINATION (Day, Mo., Yr.) | DURATION (Months)

FOR USDA USE ☐ Project referred and cleared by all interested agencies for entry into CRIS. | SIGNATURE | DATE

FORM AD-416 (5/83)

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION - CLASSIFICATION OF RESEARCH

U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATION AND OTHER INSTITUTIONS

DATE (Day, Month, Year)

1. ACCESSION NO. | AGENCY IDENTIFICATION NO. 2. 3. 4. | 5. WORK UNIT/PROJECT NO. | 31. HATCH MARKETING ☐ Yes ☐ No %

32. BASIC RESEARCH % | 33. APPLIED RESEARCH % | 34. DEVELOPMENT EFFORT % | 35. FORESTRY %

CLASSIFICATION BY ACTIVITY, COMMODITY, SCIENCE, AND RESEARCH PROBLEM AREA

	ACTIVITY		COMMODITY		SCIENCE		RESEARCH PROBLEM AREA	PRODUCT OF (2) X (4) X (6)
	CODE (1)	% (2)	CODE (3)	% (4)	CODE (5)	% (6)	CODE (7)	% (8)
36.								
37.								
38.								
39.								
40.								
41.								
42.								
43.								
44.								
45.								
46.								
47.								

SPECIAL CLASSIFICATION

Fields 48-77 are used to identify special areas of research such as Pollution, Health and Medical, Tobacco-Health, Weather, Nuclear Radiation, Poverty, Natural Beauty, Sub-Commodities, Pesticide Targets, Water Resources, Energy, Home Economics, Sub-Activities (SEA/AR) and Special Research Programs (SEA/AR). Refer to your agency manual for specific codes and instructions.

CODE	%	CODE	%	CODE	%	CODE	%	CODE	%
48.		64.		80.		96.		72.	
49.		65.		81.		97.		73.	
50.		66.		82.		98.		74.	
51.		67.		83.		99.		75.	
52.		68.		84.		70.		76.	
53.		69.		85.		71.		77.	

78. COOPERATORS: A ☐ USDA B ☐ Other Federal Agencies C ☐ Industry and other D ☐ State

COOPERATING DEPARTMENTS WITHIN STATE PERFORMING INSTITUTION
80.
81.
82.

83. REPORTING DEPARTMENT WITHIN STATE PERFORMING INSTITUTION

AD FORM 417
JUN 1979

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION—RESEARCH FUNDS AND MANPOWER

U.S. DEPARTMENT OF AGRICULTURE USE ONLY

DATE (Day, mo., yr.)

1 ACCESSION NO.	AGENCY IDENTIFICATION NO. 2	3	4	5 WORK UNIT/PROJECT NO.	22-23 REGIONAL PROJECT NO.

7 TITLE

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION	FIELD NUMBER	FY ACTUAL $
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS		
Regular, In House	(101)	
Regular, Contracts, Grants, Agreements with AES	(102)	
Regular, Contracts, Grants, Agreements with Others	(103)	
Forest Service Research Contracts	(106)	
Other USDA *(Identify)*:	(107)	
TOTAL	(131)	
OTHER FEDERAL RESEARCH FUNDS		
Department of Energy	(310)	
Agency for International Development	(308)	
Department of Defense	(311)	
National Institutes of Health	(316)	
Public Health Service	(312)	
Health and Human Services	(313)	
National Aeronautics and Space Administration	(314)	
Tennessee Valley Authority	(315)	
Foreign Agricultural Research (PL 480)	(117)	
Other Federal Funds *(Identify)*:	(318)	
TOTAL	(332)	
NON-FEDERAL RESEARCH FUNDS		
Trust Funds, In House	(120)	
Trust Funds, Contracts, Grants, Agreements with AES	(121)	
Trust Funds, Contracts, Grants, Agreements with Others	(122)	
Other Non-Federal Funds *(Identify)*:	(123)	
TOTAL	(133)	
TOTAL ALL RESEARCH FUNDS AT LOCATION	(134)	
STAFF SUPPORT		STAFF EFFORT—ACTUAL (years)
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)		
Scientists (GS-11 and above)	(141)	
Professional Support	(142)	
Technical Support	(143)	
Clerical, Labor and Other	(144)	
TOTAL STAFF YEARS	(350)	

SUBMITTED BY | TITLE

Form AD-418 (4/85)

UNITED STATES DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION – RESEARCH FUNDS AND STAFF SUPPORT

FOR STATE AND OTHER NON-FEDERAL INSTITUTION USE

DATE (Day, mo., year)

1. ACCESSION NO.	AGENCY IDENTIFICATION NO. 2.	3.	4.	5. WORK UNIT/PROJECT NO.	22-23. REGIONAL PROJECT NO.	TYPE/GRANT NO.

7. TITLE

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION (Round to nearest whole dollar)	FIELD NUMBER	FY ACTUAL $
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED		
Hatch Funds	(201)	
Regional Research Funds	(202)	
McIntire Stennis Funds	(203)	
Grants for Research (PL89-106) ☐ Special Grants ☐ Competitive Grants	(204)	
Other Funds ☐ Animal Health Sec. 1433 ☐ Alcohol Fuels Sec. 1419 ☐ 1890/Tuskegee Sec. 1445 ☐ Rural Development Title V ☐ Native Latex PL95-592 ☐ Other *(Identify)*:	(205)	
TOTAL →	(231)	
OTHER FEDERAL RESEARCH FUNDS		
USDA Contracts Grants Co-op Agreements *(Identify Agency)*:	(219)	
National Science Foundation	(209)	
Department of Energy	(310)	
Agency for International Development	(308)	
Department of Defense	(311)	
National Institutes of Health	(316)	
Public Health Service	(312)	
Health and Human Services	(313)	
National Aeronautics and Space Administration	(314)	
Tennessee Valley Authority	(315)	
Other Federal Funds *(Identify)*: $		
CSRS Administered "Pass Through" Funds		
AID Nitrogen Fixation		
EPA Strip Mine Reclamation		
Department of Energy		
Forest Service		
Other *(Identify)*:	(318)	
TOTAL →	(332)	
NON-FEDERAL RESEARCH FUNDS		
State Appropriations	(220)	
Sale of Products	(221)	
Industry Grants and Agreements	(222)	
Other Non-Federal Funds	(223)	
TOTAL →	(233)	
TOTAL ALL RESEARCH FUNDS AT LOCATION →	(234)	
STAFF SUPPORT		STAFF EFFORT - ACTUAL (years)
NON-FEDERALLY EMPLOYED STAFF SUPPORT *(Report nearest 0.1)*		
Scientists (Assistant Professor and above)	(241)	
Professional Support	(242)	
Technical Support	(243)	
Clerical, Labor, and Other	(244)	
TOTAL STAFF YEARS →	(350)	

SUBMITTED BY *(Signature)* | TITLE

FORM AD-419 (6/81)

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RESEARCH

Commodity, Resource or Technology not Associated with Specific Commodities

Commodities or Resources

0100 Soil and land
0200 Water
0300 Watersheds and river basins
0400 Air and climate
0500 Recreation resources
0600 Trees, forests, and forest products [excluding edible tree nut crops (see 1015), and tung (see 2560)]
0700 Range
0800 Fish, shellfish, game and fur-bearing animals and other wildlife and their habitats
0900 Citrus and subtropical fruit
1000 Deciduous and small fruits and edible tree nuts
1100 Potatoes
1200 Vegetables
1300 Ornamentals and turf
1400 Corn (includes popcorn) - (for sweetcorn see 1280)
1500 Grain sorghum
1600 Rice
1700 Wheat
1800 Other small grains
1900 Pasture
2000 Forage crops
2100 Cotton (including cottonseed for planting purposes)
2200 Cottonseed (for meal, oil, etc.)
2300 Soybeans
2400 Peanuts
2500 Other oilseed and oil crops (excluding cottonseed)
2600 Tobacco
2700 Sugar crops
2800 Miscellaneous and new crops
2900 Poultry
3000 Beef cattle
3100 Dairy cattle
3200 Swine
3300 Sheep and wool
3400 Other animals (see 0850 for fur-bearing animals)
3500 Bees and honey and other pollinating insects
3600 General purpose supplies - includes: machinery, equipment, fertilizers, feedstuffs, and pesticides
3700 Clothing and textiles
3800 Food (not readily asociated with specific plants and animal products)
3900 Structures and facilities

Commodities or Resources

4000	People as individual workers, consumers and members of society
4100	The family and its members
4200	The farm as a business enterprise
4300	Communities, areas and regions, including countries and States and their institutions
4400	Agricultural economy of United States and sectors thereof, including interrelationships with the total economy
4500	Agricultural economy of foreign countries and sectors thereof, including interrelationships with the total economy
4600	Farmer cooperatives
4700	Marketing, processing and supply firms other than cooperatives
4800	Marketing systems and sectors thereof
6100	Weeds
6200	Seed research
6300	Biological cell systems
6400	Experimental design and statistical methods
6500	Invertebrates (including insects, mites, ticks, snails, slugs, and leeches)
6600	Microorganisms, viruses, etc.
6700	Plants
6800	Animals (vertebrates)
6900	Research on research management (not research management *per se*)
7000	Research equipment and technology (such as remote sensing)

RESEARCH PROBLEM AREAS (RPA's)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

101 Appraisal of Soil Resources
102 Soil, Plant, Water, Nutrient Relationships
103 Management of Saline and Sodic Soils and Salinity
104 Alternative Uses of Land
105 Conservation and Efficient Use of Water

106 Efficient Drainage and Irrigation Systems and Facilities
107 Watershed Protection and Management
108 Economic and Legal Problems in Management of Water and Watersheds
109 Adaptation to Weather and Weather Modification
110 Appraisal of Forest and Range Resources

111 Biology, Culture and Management of Forests and Timber-Related Crops
112 Improvement of Range Resources
113 Remote Sensing
114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

201 Control of Insects Affecting Forests
202 Control of Diseases, Parasites and Nematodes Affecting Forests
203 Prevention and Control of Forest and Range Fires
204 Control of Insects, Mites, Slugs and Snails on Fruit and Vegetable Crops
205 Control of Diseases and Nematodes of Fruit and Vegetable Crops

206 Control of Weeds and Other Hazards to Fruit and Vegetable Crops
207 Control of Insects, Mites, Snails and Slugs Affecting Field Crops and Range
208 Control of Diseases and Nematodes of Field Crops and Range
209 Control of Weeds and Other Hazards of Field Crops and Range
210 Control of Insects and External Parasites Affecting Livestock, Poultry and Other Animals

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS (Continued)

211 Control of Diseases of Livestock, Poultry and Other Animals

212 Control of Internal Parasites of Livestock, Poultry and Other Animals
213 Protect Livestock, Poultry and Other Animals from Toxic Chemicals, Poisonous Plants, and Other Hazards
214 Protection of Plants, Animals and Man from Harmful Effects of Pollution

GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST PRODUCTS AT DECREASING REAL PRODUCTION COSTS

301 Genetics and Breeding of Forest Trees

302 New and Improved Forest Engineering Systems
303 Economics of Timber Production

304 Improvement of Biological Efficiency of Fruit and Vegetable Crops
305 Mechanization of Fruit and Vegetable Crop Production

306 Production Management Systems for Fruits and Vegetables
307 Improvement of Biological Efficiency of Field Crops
308 Mechanization of Production of Field Crops
309 Production Management Systems for Field Crops
310 Reproductive Performance of Livestock, Poultry and Other Animals

311 Improvement of Biological Efficiency in Production of Livestock, Poultry and Other Animals
312 Environmental Stress in Production of Livestock, Poultry and Other Animals
313 Production Management Systems for Livestock, Poultry and Other Animals
314 Bees and Other Pollinating Insects
315 Improvement of Structures, Facilities and General Purpose Farm Supplies and Equipment
316 Farm Business Management
317 Mechanization and Structures Used in Production of Livestock, Poultry and Other Animals
318 Non-Commodity-Oriented Biological Technology and Biometry

GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY DEVELOPING NEW AND IMPROVED PRODUCTS AND PROCESSES AND ENHANCING PRODUCT QUALITY

401 New and Improved Forest Products
402 Production of Fruit and Vegetable Crops with Improved Acceptability
403 New and Improved Fruit and Vegetable Products and Byproducts
404 Quality Maintenance in Storing and Marketing Fruits and Vegetables
405 Production of Field Crops with Improved Acceptability

406 New and Improved Food Products from Field Crops
407 New and Improved Feed, Textile and Industrial Products from Field Crops
408 Quality Maintenance in Storing and Marketing Field Crops
409 Production of Animal Products with Improved Acceptability
410 New and Improved Meat, Milk, Eggs and Other Animal Food Products

411 New and Improved Non-Food Animal Products
412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

501 Improvement of Grades and Standards--Crop and Animal Products
502 Development of Markets and Efficient Marketing of Timber and Related Products
503 Efficiency in Marketing Agricultural Products and Production Inputs

506 Supply, Demand and Price Analysis--Crop and Animal Products
507 Competitive Interrelationships in Agriculture
508 Development of Domestic Markets for Farm Products
509 Performance of Marketing Systems
510 Group Action and Market Power

511 Improvement in Agricultural Statistics
512 Improvement of Grades and Standard of Forest Products
513 Supply, Demand and Price Analysis - Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

601 Foreign Market Development
602 Evaluation of Foreign Food Aid Programs
603 Technical Assistance to Developing Countries
604 Product Development and Marketing for Foreign Markets

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND WELL-BEING OF THE AMERICAN PEOPLE

701 Insure Food Products Free of Toxic Contaminants Including Residues from Agricultural Sources
702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
703 Food Choices, Habits and Consumption
704 Home and Commercial Food Service
705 Selection and Care of Clothing and Household Textiles

706 Control of Insect Pests of Man and His Belongings
707 Prevent Transmission of Animal Diseases and Parasites to Man
708 Human Nutrition
709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

801 Housing
802 Individual and Family Decision Making and Resource Use and Family Functioning
803 Causes of Poverty Among Rural People
804 Improvement of Economic Potential of Rural People
805 Communication and Education Processes

806 Individual and Family Adjustment to Change
807 Structural Changes in Agriculture
808 Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF BEAUTY, RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY, AND PUBLIC SERVICES

901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes
902 Outdoor Recreation
903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs
904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife
905 Trees to Enhance Rural and Urban Environment

906 Culture and Protection of Ornamentals and Turf
907 Improved Income Opportunities in Rural Communities
908 Improvement of Rural Community Institutions and Services

RESEARCH PROGRAM GROUP (RPG)/RESEARCH PROGRAM (RP)

RPG 1.00 NATURAL RESOURCES

RP 1.01 Soil and Land Use
RP 1.02 Water and Watersheds
RP 1.03 Recreation
RP 1.04 Environmental Quality
RP 1.05 Weather Modification for Agriculture and Forestry
RP 1.06 Fish and Wildlife
RP 1.07 Remote Sensing
RP 1.08 Aquatic Weeds
RP 1.09 Natural Resources - General

RPG 2.00 FOREST RESOURCES

RP 2.01 Inventory and Appraisal of Forest Resources
RP 2.02 Timber Management
RP 2.03 Forest Protection
RP 2.04 Harvesting, Processing and Marketing Forest Products
RP 2.05 Forest Watersheds, Soils, Pollution
RP 2.06 Forest Range Wildlife and Fisheries Habitat Development
RP 2.07 Forest Recreation and Aesthetics and other Landscape Values
RP 2.08 Alternative Uses of Land
RP 2.09 Technical Assistance
RP 2.10 Trees, Forests and Forest Products - General
RP 2.11 Forest and Range Resources

RPG 3.00 CROPS (Field and Horticultural)

RP 3.01 Corn
RP 3.02 Grain Sorghum
RP 3.03 Wheat
RP 3.04 Small Grains other than Wheat
RP 3.05 Rice
RP 3.06 Soybeans
RP 3.07 Peanuts
RP 3.08 Sugar
RP 3.09 Forage, Range, and Pasture
RP 3.10 Cotton
RP 3.11 Tobacco
RP 3.12 New Crops and Minor Oilseeds
RP 3.13 Fruit
RP 3.14 Vegetable Crops
RP 3.15 Plants to Enhance the Environment
RP 3.16 Bees and other Pollinating Insects
RP 3.17 Weeds in Crops
RP 3.18 Seeds
RP 3.19 Nonspecific - Plants

RESEARCH PROGRAM GROUP (RPG)/RESEARCH PROGRAM (RP)

RPG 4.00 ANIMALS

RP 4.01 Beef
RP 4.02 Dairy
RP 4.03 Poultry
RP 4.04 Sheep
RP 4.05 Swine
RP 4.06 Other Animals (Horses, Goats, Pets, Laboratory, etc.)
RP 4.07 Aquatic Food and Feedstuffs
RP 4.08 Nonspecific - Animals
RP 4.09 Invertebrates

RPG 5.00 PEOPLE, COMMUNITIES, AND INSTITUTIONS INCLUDING RURAL DEVELOPMENT

RP 5.01 Individuals and Families
RP 5.02 Living Environment
RP 5.03 Communities, Institutions and Services
RP 5.04 Insects Affecting Man and his Belongings
RP 5.05 Research on Administration of Research

RPG 6.00 COMPETITION, TRADE, ADJUSTMENT, PRICE AND INCOME POLICY

RP 6.01 Farm Adjustment, Prices and Income
RP 6.02 Foreign Agricultural Trade and Economic Development
RP 6.03 Marketing and Competition

RPG 7.00 GENERAL RESOURCE OR TECHNOLOGY

RP 7.01 Manmade Resources
RP 7.02 Technology not Associated with Specific Commodities, Resources of RPGs

RPG 8.00 FOOD SCIENCE AND HUMAN NUTRITION

RP 8.01 Human Nutrition
RP 8.02 Food Processing
RP 8.03 Food Safety
RP 8.04 Food Storage, Distribution and Marketing
RP 8.05 Food Service

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NATIONAL TOTAL USDA - SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COOP/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	1418	545.6	37,345,336	94,177,501	*	*
0200 WATER	879	328.8	23,418,572	54,331,896	*	*
0300 WATERSHEDS RIVER BAS	263	132.1	17,267,462	23,065,945	*	*
0400 AIR AND CLIMATE	149	50.1	2,036,644	8,648,859	*	*
0500 RECREATION RESOURCES	144	54.2	3,395,913	7,750,480	*	*
0600 TIMBER FORST PRODUCT	1993	1104.2	124,613,774	205,215,500	*	*
0700 RANGE	396	198.9	15,923,827	30,629,614	*	*
0800 WILDLIFE AND FISH	832	305.0	18,419,006	64,265,460	*	*
0900 CITRUS SUB TROP FRUT	360	195.3	17,461,357	33,348,017	*	*
1000 FRUIT NUTS DECIDUOUS	1138	470.5	32,386,177	84,586,947	*	*
1100 POTATOES	397	127.4	9,830,401	23,157,596	*	*
1200 VEGETABLES	1566	572.8	36,175,600	96,671,020	*	*
1300 ORNAMENTALS TURF	597	227.5	9,837,223	38,413,713	*	*
1400 CORN	1158	350.0	30,136,057	63,498,100	*	*
1500 GRAIN SORGHUM	381	82.5	4,018,612	15,482,365	*	*
1600 RICE	182	67.3	3,416,546	12,988,902	*	*
1700 WHEAT	905	325.6	23,839,152	54,019,184	*	*
1800 OTHER SMALL GRAINS	475	118.6	7,405,939	20,972,360	*	*
1900 PASTURE	167	44.7	4,004,058	7,623,458	*	*
2000 FORAGE CROPS	1025	333.2	24,394,368	56,229,781	*	*
2100 COTTON	473	282.1	33,777,595	49,656,209	*	*
2200 COTTONSEED	27	20.7	2,823,110	3,015,951	*	*
2300 SOYBEANS	1077	372.7	30,837,501	63,198,305	*	*
2400 PEANUTS	187	84.4	6,671,660	14,114,891	*	*
2500 OTHER OILSEED CROPS	161	45.1	2,876,348	7,247,067	*	*
2600 TOBACCO	185	82.9	6,022,299	16,464,555	*	*
2700 SUGAR CROPS	165	87.2	9,321,474	14,829,210	*	*
2800 MISC NEW CROPS	219	69.2	7,118,616	12,635,367	*	*
2900 POULTRY	832	346.9	27,141,217	69,362,522	*	*
3000 BEEF CATTLE	1655	628.4	49,243,543	144,691,036	*	*
3100 DAIRY CATTLE	1444	469.4	39,806,373	110,021,087	*	*
3200 SWINE	866	294.9	29,481,695	69,505,665	*	*
3300 SHEEP AND WOOL	453	137.0	11,551,684	29,361,551	*	*
3400 OTHER ANIMALS	646	216.5	8,838,005	44,720,424	*	*
3500 BEES AND HONEY	52	33.1	3,969,910	5,986,607	*	*
3600 FARM SUPP & FACILITS	97	41.5	1,684,811	6,013,711	*	*
3700 CLOTHING & TEXTILES	89	20.9	786,071	2,856,471	*	*
3800 FOOD	510	220.8	24,829,195	48,433,785	*	*
3900 HOUSING & EQUIP	181	52.1	2,776,657	8,167,186	*	*
4000 PEOPLE AS INDIVIDUALS	663	250.4	42,794,923	62,401,945	*	*
4100 FAMILY MEMBERS	285	90.4	5,331,215	12,274,898	*	*
4200 FARM AS BUSINESS	230	97.3	7,842,568	15,663,802	*	*
4300 SOC POLIT ORGANIZ	379	146.1	6,484,764	18,608,054	*	*
4400 AGRIC ECONOMY U S	196	131.2	9,160,009	14,823,123	*	*
4500 AGRIC ECONOMY FORGN	85	148.8	11,279,333	16,373,759	*	*
4600 FARM COOPERATIVES	38	20.8	1,655,497	2,410,832	*	*
4700 OTH MARKET PROCESS	34	5.3	181,218	622,054	*	*
4800 MARKETING SYSTEMS	102	47.0	2,890,031	5,727,442	*	*
6100 WEEDS	184	69.3	7,021,894	11,704,680	*	*
6200 SEED RESEARCH	70	36.6	1,820,079	6,473,155	*	*
6300 BIO CELL SYSTEMS	322	141.1	4,931,890	27,875,170	*	*
6400 EXP DESIGN/STAT METHOD	111	42.7	376,441	6,537,217	*	*
6500 INVERTEBRATES	579	249.2	20,897,538	40,473,697	*	*
6600 MICROORGANISMS VIRUSES	645	206.6	18,793,355	42,282,245	*	*
6700 PLANTS	1143	486.1	45,922,775	90,359,029	*	*
6800 ANIMALS(VERTEBRATES)	547	251.4	6,409,339	48,880,205	*	*
6900 RESEARCH ON RSCH MGMT	60	59.4	1,169,157	9,890,261	*	*
7000 RSCH EQUIP & TECHNOLOGY	170	57.7	2,796,662	9,894,016	*	*
9900 UNCLASSIFIED	2	0.0	19,028	1,913,718	*	*
TOTAL		11677.4	942,661,507	2,160,547,601	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL USDA - SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
101 APPRAIS OF SOIL RESOR	254	84.8	3,071,940	15,987,894	*	*
102 SOIL PLNT WTR NUTRI	1072	458.9	33,744,409	78,435,350	*	*
103 MGMT OF SALINE SOILS	95	28.7	2,497,234	6,121,392	*	*
104 ALTERN USE OF LAND	179	76.8	5,493,802	9,766,497	*	*
105 CONSERV USE OF WATER	428	169.5	14,700,100	27,841,313	*	*
106 DRAIN AND IRRIGATION	166	76.5	4,147,276	12,266,301	*	*
107 WATERSHED PROT & MGMT	303	185.7	25,067,474	33,344,198	*	*
108 ECON LEG PROB OF WAT	74	27.3	829,223	3,294,149	*	*
109 WEATHER ADAPT & MOD	178	61.5	2,131,296	9,312,024	*	*
110 APPRAIS FORST & RANGS	174	88.5	13,954,031	19,859,593	*	*
111 BIOL CULT MGMT FORSTS	565	302.0	27,094,023	50,635,402	*	*
112 IMPROV RANGE RESOR	254	113.1	8,759,946	17,883,057	*	*
113 REMOTE SENSING	87	33.6	3,479,013	6,130,277	*	*
114 RSCH ON MGMT OF RSCH	60	59.4	1,169,157	9,890,261	*	*
SUBTOTAL		1766.4	146,138,924	300,767,708	*	*
SERIES 200						
201 CNTRL FORST INSECTS	281	124.3	18,201,867	23,262,978	*	*
202 CONTROL FOREST DIS	198	77.1	10,764,224	14,147,870	*	*
203 FOREST FIRE PROTECT	48	39.9	5,901,119	6,903,090	*	*
204 CNTR PESTS FRT & VEGS	610	213.6	18,586,191	39,054,221	*	*
205 CNTR DISE FRT & VEG	863	310.0	19,633,150	52,678,231	*	*
206 CNTR WEEDS FRT & VEG	204	49.3	3,208,855	8,747,826	*	*
207 CNTR PESTS FLD CROPS	842	366.8	33,093,405	60,317,995	*	*
208 CNTR DIS FIELD CROPS	891	330.2	22,344,864	55,100,920	*	*
209 CNTR WEEDS FLD CROPS	437	187.5	14,814,580	32,964,585	*	*
210 CONTR PESTS ANIMALS	213	104.4	10,469,806	15,200,327	*	*
211 CONTR DIS ANIMALS	1463	676.5	48,999,647	144,762,616	*	*
212 CNTR INTER PARASITES	140	63.1	7,312,459	12,508,411	*	*
213 PROT ANMLS FROM TOXINS	156	113.2	5,966,974	20,921,288	*	*
214 PROTECT FROM POLLUTION	263	111.8	8,810,288	25,621,032	*	*
SUBTOTAL		2767.8	228,107,429	512,191,391	*	*
SERIES 300						
301 GENET BREED FORST TRE	145	68.9	5,849,468	13,446,465	*	*
302 IMP FOREST ENG SYS	69	39.6	4,591,178	6,442,781	*	*
303 ECON TIMBER PRODUCTN	98	37.2	2,395,972	6,428,588	*	*
304 IMP BIO EFF FRT & VEGS	1157	430.3	27,183,494	79,154,380	*	*
305 MECH PROD FRT & VEGS	99	26.1	1,811,447	5,420,272	*	*
306 PROD MGMT SYS F & V	126	24.3	996,299	4,320,683	*	*
307 IMP BIO EFF FLD C&P	1692	783.6	57,222,429	147,615,115	*	*
308 MECH PROD FIELD CROPS	115	42.1	3,097,254	7,089,782	*	*
309 PROD MGMT SYS FLD CRP	431	129.4	8,471,757	21,111,636	*	*
310 ANIMAL REPRODUCTION	645	244.6	19,602,803	62,824,778	*	*
311 IMP BIO EFF ANML PR	1376	571.0	43,404,390	150,523,233	*	*
312 ENV STRESS IN ANML PR	210	70.0	4,025,199	13,286,118	*	*
313 PROD MGMT SYS ANML PR	309	72.6	3,425,110	16,727,363	*	*
314 BEES OTH POLLNTNG INS	52	33.1	3,969,910	5,986,607	*	*
315 IMP STRUC FARM SUPP	106	40.4	922,911	6,648,285	*	*
316 FARM BUSINESS MGMT	172	74.3	7,177,728	13,083,484	*	*
317 MECH/STRUCTS ANML PRD	36	6.9	278,336	1,431,035	*	*
318 NON CON BIO TECH/BINET	1804	791.8	58,723,572	152,116,352	*	*
SUBTOTAL		3486.1	253,149,257	713,656,958	*	*
SERIES 400						
401 NEW IMP FOREST PRCD	316	192.0	22,108,631	38,262,013	*	*
402 PROD F & V IMP ACCEPT	316	76.0	5,274,150	14,003,455	*	*
403 NEW & IMP F & V PROD	186	82.1	5,056,023	12,847,446	*	*
404 MKT QUAL FRTS & VEGS	232	139.3	15,068,932	22,575,819	*	*
405 PROD FLD CROP IMP ACPT	358	191.0	16,046,600	32,143,032	*	*
406 NEW IMP FOOD FLD CROP	151	91.1	8,511,962	14,930,025	*	*
407 NEW IMP NON FOOD FC	131	121.2	17,010,421	20,890,685	*	*
408 MKT QUAL FIELD CROPS	128	73.1	7,871,977	11,038,174	*	*
409 PROD ANML PR IMP ACCP	168	54.7	4,638,836	12,672,314	*	*
410 IMP MEAT MILK EGG PR	264	111.9	7,168,607	19,751,976	*	*
411 IMP NON FOOD ANML PR	31	18.0	2,966,649	3,467,652	*	*
412 MKT QUAL ANIMAL PROD	94	26.8	1,756,849	4,941,841	*	*
SUBTOTAL		1177.1	113,479,637	207,524,433	*	*
SERIES 500						
501 IMP GRADES & STANDS	65	26.1	3,422,976	4,794,425	*	*
502 MKTG TIMBER PRODUCTS	43	9.5	420,432	1,427,771	*	*
503 MKTG EFF AGRI PRODS	172	58.3	3,029,704	7,611,431	*	*
506 SPLY DEMAND AND PRIC	223	119.7	8,993,862	14,821,633	*	*
507 COMP REL IN AGRIC	52	14.5	743,882	1,754,922	*	*
508 DOMESTIC MKT DEVELP	55	15.5	786,865	2,010,632	*	*
509 PERFORMANCE MKTG SYS	179	90.2	6,350,456	11,801,332	*	*
510 GROUP ACT MKT POWER	26	9.3	533,474	1,184,289	*	*
511 IMP AGRIC STATISTICS	33	9.8	352,248	1,854,968	*	*
512 IMP GRADES FRST PROD	22	11.5	770,265	1,423,992	*	*
513 PRICE ANAL FRST PROD	38	23.3	2,774,146	3,540,817	*	*
SUBTOTAL		387.7	28,178,309	52,226,212	*	*
SERIES 600						
601 FGN MKT DEVELP	134	154.7	11,523,526	16,621,558	*	*
602 EVAL FGN FOOD AID PGM	4	6.5	533,089	620,466	*	*
603 TECH AID DEV CRTY	58	34.5	189,933	10,270,111	*	*
604 PRD DVLPMT/MKTG FRGN	34	12.2	642,273	1,946,109	*	*
SUBTOTAL		207.9	12,888,821	29,458,245	*	*
SERIES 700						
701 TOX RES IN FOOD	163	69.1	6,773,445	12,557,951	*	*
702 FOOD PROT FROM TOX	218	139.4	13,119,388	24,503,235	*	*
703 FOOD CONSUMP HABITS	144	49.8	8,629,126	11,650,239	*	*
704 HOME COMM FOOD SERV	40	8.2	801,153	1,295,601	*	*
705 SEL CARE CLOTH & TEXTL	73	16.2	610,247	2,080,573	*	*
706 CONTR INSECTS AFF MAN	130	56.9	4,266,434	9,218,346	*	*
707 TRANS ANIML MAN DIS	45	16.0	235,446	2,927,306	*	*
708 HUMAN NUTRITION	507	231.9	50,376,795	70,201,560	*	*
709 REDUCE HAZ HLTH & SFTY	100	42.8	5,442,967	6,737,561	*	*
SUBTOTAL		630.3	89,855,000	141,172,372	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL USDA - SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 800						
801 RURAL HOUSING	66	17.7	1,491,009	2,490,062	*	*
802 INDIV & FAM DEC MAKING	206	53.3	1,750,116	5,932,705	*	*
803 RURAL POVERTY	27	5.9	261,403	627,382	*	*
804 ECON POTENT RURL REG	93	36.1	2,729,936	3,972,139	*	*
805 COMMUNICAT EDUC PROC	108	36.4	802,571	4,640,535	*	*
806 ADJUSTMENT TO CHANGE	204	66.6	3,329,129	8,491,108	*	*
807 AGRIC ECONOMIC CHANGE	201	102.3	5,967,500	11,550,681	*	*
808 GOVT PROGRAMS	73	40.5	2,374,123	4,590,699	*	*
SUBTOTAL		358.9	18,705,786	42,295,309	*	*
SERIES 900						
901 ALLEV POLLUTION	514	206.1	13,076,397	36,616,297	*	*
902 OUTDOOR RECREATION	139	53.4	3,062,309	7,224,198	*	*
903 MULTI USE FOREST POTEN	113	32.1	2,060,378	5,075,795	*	*
904 WLDLFE AND FISH ECOL	707	265.5	17,524,051	57,621,190	*	*
905 TREES BEAUTIFICATION	102	25.8	3,823,838	6,408,507	*	*
906 ORNAMENT & TURF DEV	563	214.3	8,209,148	35,304,772	*	*
907 RURAL INCOME IMP	107	41.9	1,625,831	4,531,855	*	*
908 RURAL INSTITUT IMP	169	56.1	2,757,361	6,558,642	*	*
990 UNCLASSIFIED	2	0.0	19,028	1,913,718	*	*
SUBTOTAL		895.1	52,158,342	161,254,973	*	*
SCIENCE IN SERV OF MAN GRAND TOTAL		11677.4	942,661,507	2,160,547,601	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADJSTED (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	1344	531.7	36,738,071	92,227,325	*	*
0200 WATER	851	322.3	23,155,888	53,299,365	*	*
0300 WATERSHEDS RIVER BAS	235	126.4	17,105,485	22,246,762	*	*
0400 AIR AND CLIMATE	136	48.5	1,954,033	8,287,719	*	*
0500 RECREATION RESOURCES	109	47.1	3,252,284	6,974,476	*	*
0600 TIMBER FORST PRODUCT	1533	940.9	120,946,038	179,356,703	*	*
0700 RANGE	385	193.5	15,780,966	30,115,504	*	*
0800 WILDLIFE AND FISH	701	267.9	16,780,191	58,527,431	*	*
0900 CITRUS SUB TROP FRUT	358	195.0	17,387,363	33,274,023	*	*
1000 FRUIT NUTS DECIDUOUS	1128	467.6	32,005,011	84,193,421	*	*
1100 POTATOES	395	126.9	9,725,421	23,052,091	*	*
1200 VEGETABLES	1529	548.0	33,315,696	93,796,686	*	*
1300 ORNAMENTALS TURF	594	225.8	9,716,323	38,288,645	*	*
1400 CORN	1141	348.3	29,470,257	62,622,218	*	*
1500 GRAIN SORGHUM	376	81.8	3,982,092	15,382,064	*	*
1600 RICE	182	67.3	3,416,546	12,988,902	*	*
1700 WHEAT	899	325.0	23,710,839	53,889,493	*	*
1800 OTHER SMALL GRAINS	467	116.2	6,730,555	20,285,871	*	*
1900 PASTURE	166	44.4	3,946,196	7,565,595	*	*
2000 FORAGE CROPS	1010	329.1	24,066,446	55,838,359	*	*
2100 COTTON	470	281.9	33,760,025	49,638,638	*	*
2200 COTTONSEED	27	20.7	2,823,110	3,015,951	*	*
2300 SOYBEANS	1047	353.7	28,560,574	60,860,315	*	*
2400 PEANUTS	184	81.9	6,590,613	13,921,235	*	*
2500 OTHER OILSEED CROPS	157	44.5	2,765,036	7,129,882	*	*
2600 TOBACCO	184	82.7	5,979,799	16,353,055	*	*
2700 SUGAR CROPS	163	86.9	9,265,396	14,770,285	*	*
2800 MISC NEW CROPS	217	69.2	7,117,888	12,633,862	*	*
2900 POULTRY	751	313.2	26,032,651	63,094,022	*	*
3000 BEEF CATTLE	1471	547.1	47,420,600	128,047,704	*	*
3100 DAIRY CATTLE	1262	419.6	38,561,869	100,345,704	*	*
3200 SWINE	721	258.0	28,183,675	62,474,949	*	*
3300 SHEEP AND WOOL	407	113.8	11,283,264	24,951,027	*	*
3400 OTHER ANIMALS	365	94.8	6,074,501	21,267,320	*	*
3500 BEES AND HONEY	51	32.9	3,941,884	5,958,581	*	*
3600 FARM SUPP & FACILITS	96	41.5	1,667,224	5,996,124	*	*
3700 CLOTHING & TEXTILES	77	17.5	436,426	2,505,538	*	*
3800 FOOD	491	212.7	23,913,433	47,515,540	*	*
3900 HOUSING & EQUIP	172	49.7	2,559,662	7,925,775	*	*
4000 PEOPLE AS INDIVIDUALS	613	225.1	40,539,915	59,065,894	*	*
4100 FAMILY MEMBERS	267	82.3	4,532,310	11,397,030	*	*
4200 FARM AS BUSINESS	222	92.6	7,389,226	15,204,851	*	*
4300 SOC POLIT ORGANIZ	353	135.0	5,271,420	17,309,172	*	*
4400 AGRIC ECONOMY U S	193	130.9	9,139,481	14,783,648	*	*
4500 AGRIC ECONOMY FORGN	85	148.8	11,279,333	16,373,759	*	*
4600 FARM COOPERATIVES	38	20.8	1,655,497	2,410,832	*	*
4700 OTH MARKET PROCESS	31	4.2	86,333	527,169	*	*
4800 MARKETING SYSTEMS	98	44.3	2,656,174	5,493,164	*	*
6100 WEEDS	182	69.0	6,991,384	11,655,396	*	*
6200 SEED RESEARCH	69	36.3	1,768,079	6,392,502	*	*
6300 BIO CELL SYSTEMS	306	136.1	4,592,286	26,739,156	*	*
6400 EXP DESIGN/STAT METHOD	109	42.3	335,050	6,493,393	*	*
6500 INVERTEBRATES	553	243.5	20,051,789	39,273,536	*	*
6600 MICROORGANISMS VIRUSES	593	196.8	17,674,061	39,917,317	*	*
6700 PLANTS	1092	470.6	43,810,653	87,270,943	*	*
6800 ANIMALS(VERTEBRATES)	423	147.4	5,922,830	29,516,481	*	*
6900 RESEARCH ON RSCH MGMT	59	59.1	1,145,880	9,848,672	*	*
7000 RSCH EQUIP & TECHNOLOGY	148	53.0	2,540,976	9,321,724	*	*
9900 UNCLASSIFIED	2	0.0	19,028	1,913,718	*	*
TOTAL		10814.0	907,525,034	2,011,526,521	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
101 APPRAIS OF SOIL RESOR	240	83.0	3,015,841	15,552,543	*	*
102 SOIL PLNT WTR NUTRI	1006	440.7	32,973,513	75,347,593	*	*
103 MGMT OF SALINE SOILS	95	28.7	2,497,234	6,121,392	*	*
104 ALTERN USE OF LAND	169	74.9	5,286,593	9,447,150	*	*
105 CONSERV USE OF WATER	419	165.4	14,456,360	27,572,962	*	*
106 DRAIN AND IRRIGATION	166	76.5	4,147,276	12,266,301	*	*
107 WATERSHED PROT & MGMT	285	180.4	24,946,800	32,656,226	*	*
108 ECON LEG PROB OF NAT	72	26.5	829,223	3,197,270	*	*
109 WEATHER ADAPT & MOD	161	58.9	1,981,619	8,952,403	*	*
110 APPRAIS FORST & RANGS	145	82.8	13,782,879	19,127,930	*	*
111 BIOL CULT MGMT FORSTS	432	251.7	26,140,006	42,719,450	*	*
112 IMPROV RANGE RESOR	245	108.2	8,689,942	17,458,655	*	*
113 REMOTE SENSING	73	30.9	3,382,780	5,774,818	*	*
114 RSCH ON MGMT OF RSCH	59	59.1	1,145,880	9,848,672	*	*
SUBTOTAL		1667.6	143,275,947	286,043,366	*	*
SERIES 200						
201 CNTRL FORST INSECTS	246	118.4	17,753,953	21,954,567	*	*
202 CONTROL FOREST DIS	163	69.9	10,515,740	13,149,776	*	*
203 FOREST FIRE PROTECT	40	38.7	5,896,679	6,724,124	*	*
204 CNTR PESTS FRT & VEGS	605	212.1	18,444,722	38,912,752	*	*
205 CNTR DISE FRT & VEG	854	308.6	19,366,941	52,412,022	*	*
206 CNTR WEEDS FRT & VEG	197	48.0	3,010,900	8,545,863	*	*
207 CNTR PESTS FLD CRCPS	830	361.1	32,441,863	59,611,255	*	*
208 CNTR DIS FIELD CROPS	888	329.4	22,213,934	54,964,093	*	*
209 CNTR WEEDS FLD CROPS	433	187.1	14,709,495	32,819,050	*	*
210 CONTR PESTS ANIMALS	210	104.3	10,450,530	15,180,082	*	*
211 CONTR DIS ANIMALS	939	391.7	46,552,840	90,724,729	*	*
212 CNTR INTER PARASITES	115	58.5	7,229,777	11,743,019	*	*
213 PROT ANMLS FROM TCXINS	123	66.3	5,830,956	11,399,022	*	*
214 PROTECT FROM POLLUTION	230	86.2	8,522,766	20,121,747	*	*
SUBTOTAL		2380.4	222,941,097	438,262,102	*	*
SERIES 300						
301 GENET BREED FORST TRE	113	56.3	5,510,174	11,130,314	*	*
302 IMP FOREST ENG SYS	51	31.0	4,158,146	5,010,772	*	*
303 ECON TIMBER PRODUCTN	80	32.4	2,361,808	5,729,440	*	*
304 IMP BIO EFF FRT & VEGS	1124	413.9	25,198,609	77,161,274	*	*
305 MECH PROD FRT & VEGS	99	26.1	1,811,447	5,420,272	*	*
306 PROD MGMT SYS F & V	124	24.1	932,669	4,256,799	*	*
307 IMP BIO EFF FLD CRP	1645	769.7	54,393,004	144,424,915	*	*
308 MECH PROD FIELD CROPS	115	42.1	3,097,254	7,089,782	*	*
309 PROD MGMT SYS FLD CRP	426	128.6	8,415,508	20,987,593	*	*
310 ANIMAL REPRODUCTION	580	216.6	18,498,418	57,124,185	*	*
311 IMP BIO EFF ANML PR	1252	528.4	39,901,208	142,681,246	*	*
312 ENV STRESS IN ANML PR	193	63.4	3,678,707	12,036,040	*	*
313 PROD MGMT SYS ANML PR	304	71.9	3,385,456	16,611,263	*	*
314 BEES OTH POLLNTNG INS	51	32.9	3,941,884	5,958,581	*	*
315 IMP STRUC FARM SUPP	105	40.4	905,324	6,630,698	*	*
316 FARM BUSINESS MGMT	165	70.2	6,807,327	12,712,119	*	*
317 MECH/STRUCTS ANML PRD	36	6.9	278,336	1,431,035	*	*
318 NON CON BIO TECH/BIMET	1679	750.2	54,862,902	143,870,701	*	*
SUBTOTAL		3305.1	238,138,181	680,267,028	*	*
SERIES 400						
401 NEW IMP FOREST PRCD	239	151.6	21,331,304	32,246,582	*	*
402 PROD F & V IMP ACCEPT	312	73.4	4,992,358	13,721,664	*	*
403 NEW & IMP F & V PROD	181	80.8	4,884,526	12,667,645	*	*
404 MKT QUAL FRTS & VEGS	231	138.7	15,021,928	22,528,815	*	*
405 PROD FLD CROP IMP ACPT	353	188.2	15,859,842	31,956,274	*	*
406 NEW IMP FOOD FLD CROP	147	89.8	8,384,157	14,783,796	*	*
407 NEW IMP NON FOOD FC	130	121.1	17,001,322	20,881,586	*	*
408 MKT QUAL FIELD CRCPS	126	72.6	7,845,398	11,005,597	*	*
409 PROD ANML PR IMP ACCP	155	52.8	4,454,172	12,182,964	*	*
410 IMP MEAT MILK EGG PR	257	108.8	6,894,249	19,428,724	*	*
411 IMP NON FOOD ANML PR	29	17.3	2,924,933	3,425,761	*	*
412 MKT QUAL ANIMAL PROD	90	26.1	1,701,747	4,784,539	*	*
SUBTOTAL		1121.4	111,295,937	199,613,946	*	*
SERIES 500						
501 IMP GRADES & STANDS	65	26.1	3,422,976	4,794,425	*	*
502 MKTG TIMBER PRODUCTS	36	6.8	402,783	1,078,235	*	*
503 MKTG EFF AGRI PRODS	170	57.9	3,008,430	7,556,196	*	*
506 SPLY DEMAND AND PRIC	217	118.9	8,959,509	14,768,993	*	*
507 COMP REL IN AGRIC	51	14.0	722,685	1,733,725	*	*
508 DOMESTIC MKT DEVELP	50	13.9	679,949	1,903,715	*	*
509 PERFORMANCE MKTG SYS	175	88.0	6,158,124	11,608,579	*	*
510 GROUP ACT MKT POWER	25	9.1	506,081	1,156,896	*	*
511 IMP AGRIC STATISTICS	31	9.4	314,855	1,772,295	*	*
512 IMP GRADES FRST PROD	14	9.8	770,265	1,165,638	*	*
513 PRICE ANAL FRST PROD	33	22.0	2,730,710	3,437,934	*	*
SUBTOTAL		375.9	27,676,366	50,976,632	*	*
SERIES 600						
601 FGN MKT DEVELP	131	154.1	11,523,526	16,580,806	*	*
602 EVAL FGN FOOD AID PGM	4	6.5	533,089	620,466	*	*
603 TECH AID DEV CRTY	53	31.0	189,933	9,647,528	*	*
604 PRD DVLPMT/MKTG PRGM	33	12.2	642,273	1,944,787	*	*
SUBTOTAL		203.8	12,888,821	28,793,588	*	*
SERIES 700						
701 TOX RES IN FOOD	158	67.5	6,550,545	12,105,898	*	*
702 FOOD PROT FROM TOX	209	138.0	12,976,166	24,317,367	*	*
703 FOOD CONSUMP HABITS	128	45.6	8,130,676	11,137,843	*	*
704 HOME CONS FOOD SERV	38	7.9	346,529	1,240,978	*	*
705 SKL CARE CLOTH & TEXTL	61	12.7	260,601	1,729,639	*	*
706 CONTR INSECTS AFF MAN	130	56.9	4,266,434	9,218,346	*	*
707 TRANS ANIML MAN DIS	33	11.8	162,482	1,825,526	*	*
708 HUMAN NUTRITION	480	218.3	48,736,163	68,475,277	*	*
709 REDUCE HAZ HLTH & SFTY	97	41.9	5,442,967	6,646,218	*	*
SUBTOTAL		600.7	86,872,564	136,697,091	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 800						
801 RURAL HOUSING	53	14.5	1,107,460	2,105,455	*	*
802 INDIV & FAM DEC MAKING	190	46.8	1,116,012	5,296,353	*	*
803 RURAL POVERTY	22	4.1	97,810	458,989	*	*
804 ECON POTENT RURL PEO	76	26.9	1,700,560	2,894,756	*	*
805 COMMUNICAT EDUC PROC	98	33.1	368,510	4,198,658	*	*
806 ADJUSTMENT TO CHANGE	192	60.9	2,689,984	7,848,710	*	*
807 AGRIC ECONOMIC CHANGE	195	99.9	5,707,265	11,279,904	*	*
808 GOVT PROGRAMS	72	40.4	2,370,999	4,579,085	*	*
SUBTOTAL		326.6	15,158,601	38,661,911	*	*
SERIES 900						
901 ALLEV POLLUTION	479	196.3	12,753,547	34,932,995	*	*
902 OUTDOOR RECREATION	109	46.2	2,895,510	6,404,832	*	*
903 MULTI USE FOREST POTEN	87	28.9	1,968,099	4,704,378	*	*
904 WLDLFE AND FISH ECOL	588	231.1	15,974,234	52,272,110	*	*
905 TREES BEAUTIFICATION	96	25.5	3,734,541	6,294,039	*	*
906 ORNAMENT & TURF DEV	560	212.6	8,088,248	35,179,704	*	*
907 RURAL INCOME IMP	104	40.7	1,514,720	4,407,502	*	*
908 RURAL INSTITUT IMP	161	51.2	2,329,593	6,101,579	*	*
990 UNCLASSIFIED	2	0.0	19,028	1,913,718	*	*
SUBTOTAL		832.5	49,277,520	152,210,858	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL		10814.0	907,525,034	2,011,526,521	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	225	191.3	29,588,989	30,019,002	0.0	1,025,660
0200 WATER	171	126.2	20,066,996	20,240,704	0.0	299,430
0300 WATERSHEDS RIVER BAS	112	91.4	16,318,705	17,110,913	0.0	159,696
0400 AIR AND CLIMATE	15	6.0	1,233,109	1,472,039	0.0	60,153
0500 RECREATION RESOURCES	19	20.2	2,757,341	3,055,048	0.0	0
0600 TIMBER FORST PRODUCT	549	570.0	111,529,881	119,504,006	0.0	5,764,536
0700 RANGE	122	86.5	14,049,350	14,693,887	0.0	433,684
0800 WILDLIFE AND FISH	89	53.0	14,037,837	15,458,760	0.0	1,220,161
0900 CITRUS SUB TROP FRUT	108	81.3	16,174,461	16,244,000	0.0	1,685,518
1000 FRUIT NUTS DECIDUCUS	165	124.1	23,715,852	23,721,829	0.0	1,664,843
1100 POTATOES	102	33.2	7,580,701	7,586,301	0.0	1,889,261
1200 VEGETABLES	239	119.2	23,879,803	23,937,303	0.0	2,958,419
1300 ORNAMENTALS TURF	44	20.9	4,945,473	4,945,473	0.0	139,085
1400 CORN	222	140.8	23,990,688	24,046,583	0.0	1,424,874
1500 GRAIN SORGHUM	61	17.5	2,987,889	3,027,636	0.0	161,866
1600 RICE	37	15.8	2,748,443	2,758,042	0.0	57,500
1700 WHEAT	207	118.3	20,419,313	21,810,809	0.0	1,268,313
1800 OTHER SMALL GRAINS	83	27.1	4,901,844	4,966,436	0.0	264,916
1900 PASTURE	40	16.8	2,953,176	2,953,176	0.0	114,522
2000 FORAGE CROPS	171	103.2	17,488,284	17,525,984	0.0	747,926
2100 COTTON	142	177.8	31,669,416	31,860,689	0.0	461,583
2200 COTTONSEED	19	19.6	2,806,303	2,808,591	0.0	0
2300 SOYBEANS	202	143.8	23,718,703	23,840,852	0.0	1,350,782
2400 PEANUTS	52	40.3	6,036,307	6,041,907	0.0	93,179
2500 OTHER OILSEED CROPS	34	14.2	2,283,680	2,283,680	0.0	213,120
2600 TOBACCO	33	27.7	4,825,660	4,825,660	0.0	568,811
2700 SUGAR CROPS	44	46.0	8,141,736	8,141,736	0.0	151,214
2800 MISC NEW CROPS	58	29.7	6,121,474	6,127,074	0.0	773,686
2900 POULTRY	114	90.1	19,145,913	19,206,096	0.0	1,944,245
3000 BEEF CATTLE	250	158.4	35,976,966	36,164,983	0.0	3,230,913
3100 DAIRY CATTLE	203	115.1	28,304,207	28,492,218	0.0	3,637,968
3200 SWINE	138	85.7	22,419,763	22,435,307	0.0	1,878,223
3300 SHEEP AND WOOL	83	36.4	9,069,753	9,093,578	0.0	1,140,183
3400 OTHER ANIMALS	34	6.0	3,883,453	3,918,634	0.0	684,049
3500 BEES AND HONEY	21	22.4	3,834,656	4,174,663	0.0	146,858
3600 FARM SUPP & FACILITS	10	12.0	1,044,678	1,044,678	0.0	32,394
3700 CLOTHING & TEXTILES	1	0.2	27,640	27,640	0.0	0
3800 FOOD	81	60.4	20,038,110	20,038,110	0.0	983,755
3900 HOUSING & EQUIP	19	7.6	1,424,205	1,459,740	0.0	22,138
4000 PEOPLE AS INDIVIDUALS	107	81.1	37,988,674	38,132,814	0.0	706,732
4100 FAMILY MEMBERS	21	19.4	3,186,454	3,201,249	0.0	59,206
4200 FARM AS BUSINESS	12	9.1	5,683,914	5,683,914	0.0	54,036
4300 SOC POLIT ORGANIZ	21	26.0	2,442,542	2,442,542	0.0	292,505
4400 AGRIC ECONOMY U S	51	82.2	8,101,655	8,101,655	0.0	732,884
4500 AGRIC ECONOMY FORGN	53	121.3	11,165,986	11,422,986	0.0	1,284,414
4600 FARM COOPERATIVES	10	14.1	1,557,350	1,557,350	0.0	0
4800 MARKETING SYSTEMS	14	17.0	2,070,451	2,070,451	0.0	98,639
6100 WEEDS	64	39.0	6,278,645	6,278,645	0.0	383,302
6200 SEED RESEARCH	10	9.4	1,477,868	1,477,868	0.0	0
6300 BIO CELL SYSTEMS	25	20.2	3,179,909	3,179,909	0.0	234,417
6400 EXP DESIGN/STAT METHOD	2	0.1	21,932	21,932	0.0	5,650
6500 INVERTEBRATES	135	92.0	17,642,946	17,734,345	0.0	2,386,450
6600 MICROORGANISMS VIRUSES	144	55.5	15,313,367	15,313,367	0.0	4,825,697
6700 PLANTS	315	182.7	39,667,476	39,914,911	0.0	6,556,127
6800 ANIMALS(VERTEBRATES)	49	15.8	3,603,440	3,603,440	0.0	1,116,457
6900 RESEARCH ON RSCH MGMT	6	1.4	314,816	314,816	0.0	62,083
7000 RSCH EQUIP & TECHNOLOGY	15	13.9	1,912,084	1,912,084	0.0	225,758
TOTAL		3856.5	753,750,268	769,424,048	0.0	57,677,823

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
101 APPRAIS OF SOIL RESOR	16	10.0	1,677,373	1,729,484	0.0	89,694
102 SOIL PLNT WTR NUTRI	186	169.1	27,130,438	27,556,423	0.0	918,363
103 MGMT OF SALINE SOILS	15	10.7	2,189,075	2,189,075	0.0	50,000
104 ALTERN USE OF LAND	26	42.9	4,689,729	4,767,650	0.0	153,576
105 CONSERV USE OF WATER	90	72.0	12,711,144	12,817,777	0.0	164,619
106 DRAIN AND IRRIGATION	19	21.2	3,276,943	3,276,943	0.0	114,684
107 WATERSHED PROT & MGMT	136	134.1	23,937,412	24,804,267	0.0	466,647
108 ECON LEG PROB OF WAT	2	6.2	555,847	555,847	0.0	0
109 WEATHER ADAPT & MCD	14	6.4	1,021,836	1,022,625	0.0	109,653
110 APPRAIS FORST & RANGS	31	47.7	13,075,577	13,966,483	0.0	0
111 BIOL CULT MGMT FORSTS	154	152.4	23,631,187	25,644,623	0.0	781,644
112 IMPROV RANGE RESOR	63	46.0	7,553,004	7,769,194	0.0	237,062
113 REMOTE SENSING	11	16.7	3,114,008	3,114,008	0.0	181,068
114 RSCH ON MGMT OF RSCH	6	1.4	314,816	314,816	0.0	62,083
SUBTOTAL		736.8	124,878,390	129,529,217	0.0	3,329,093
SERIES 200						
201 CNTRL FORST INSECTS	103	80.1	16,511,479	16,643,283	0.0	1,185,191
202 CONTROL FOREST DIS	59	42.9	9,577,791	10,141,838	0.0	1,162,601
203 FOREST FIRE PROTECT	32	36.0	5,844,740	6,368,441	0.0	0
204 CNTR PESTS FRT & VEGS	167	73.5	15,386,436	15,420,974	0.0	1,426,375
205 CNTR DISE FRT & VEG	165	72.1	14,777,232	14,812,233	0.0	2,757,707
206 CNTR WEEDS FRT & VEG	38	12.2	2,094,233	2,096,733	0.0	187,581
207 CNTR PESTS FLD CROPS	220	160.0	27,751,179	27,954,690	0.0	1,802,670
208 CNTR DIS FIELD CRCPS	196	104.6	17,468,255	17,636,696	0.0	1,377,125
209 CNTR WEEDS FLD CRCPS	114	72.4	11,887,163	11,889,663	0.0	620,395
210 CONTR PESTS ANIMALS	56	62.5	9,246,328	9,248,333	0.0	650,279
211 CONTR DIS ANIMALS	161	119.9	39,842,226	40,325,158	0.0	5,393,390
212 CNTR INTER PARASITES	21	26.5	6,362,596	6,362,596	0.0	107,231
213 PROT ANMLS FROM TOXINS	14	32.2	5,001,715	5,025,540	0.0	0
214 PROTECT FROM POLLUTION	32	23.6	7,072,083	7,334,377	0.0	995,467
SUBTOTAL		918.5	188,823,456	191,260,555	0.0	17,666,013
SERIES 300						
301 GENET BREED FORST TRE	31	23.8	4,725,301	5,425,512	0.0	282,082
302 IMP FOREST ENG SYS	18	20.2	3,920,588	4,060,850	0.0	925,965
303 ECON TIMBER PRODUCTN	21	14.8	1,824,608	2,245,060	0.0	0
304 IMP BIO EFF FRT & VEGS	161	77.2	17,885,784	17,885,784	0.0	2,375,585
305 MECH PROD FRT & VEGS	8	3.9	1,037,538	1,037,538	0.0	33,110
306 PROD MGMT SYS F & V	10	1.1	468,585	468,585	0.0	310,843
307 IMP BIO EFF FLD CRP	325	228.3	43,244,764	44,527,608	0.0	3,202,212
308 MECH PROD FIELD CROPS	17	12.3	2,381,966	2,381,966	0.0	64,066
309 PROD MGMT SYS FLD CRP	62	38.4	6,480,365	6,480,365	0.0	160,795
310 ANIMAL REPRODUCTION	77	37.2	12,541,692	12,541,692	0.0	2,994,786
311 IMP BIO EFF ANML PR	148	89.0	25,159,647	25,161,647	0.0	2,697,148
312 ENV STRESS IN ANMI PR	14	13.2	2,120,345	2,120,345	0.0	0
313 PROD MGMT SYS ANMI PR	17	8.0	1,410,016	1,410,016	0.0	72,564
314 BEES OTH POLLNTNG INS	21	22.4	3,834,656	4,174,663	0.0	146,858
315 IMP STRUC FARM SUPP	1	0.2	28,586	28,586	0.0	0
316 FARM BUSINESS MGMT	8	7.1	5,493,469	5,493,469	0.0	54,036
317 MECH/STRUCTS ANML PRD	2	0.5	122,188	122,188	0.0	0
318 NON COM BIO TECH/EINET	340	211.1	47,934,115	47,949,115	0.0	9,661,126
SUBTOTAL		808.7	180,614,214	183,514,989	0.0	22,981,176
SERIES 400						
401 NEW IMP FOREST PRCD	103	84.3	20,216,716	21,830,174	0.0	1,853,264
402 PROD F & V IMP ACCEPT	45	21.8	4,044,064	4,044,064	0.0	306,312
403 NEW & IMP F & V PROD	14	28.6	3,905,553	3,905,553	0.0	29,287
404 MKT QUAL FRTS & VEGS	72	81.4	13,555,302	13,561,279	0.0	375,669
405 PROD FLD CROP IMP ACPT	90	91.6	14,009,948	14,017,576	0.0	184,565
406 NEW IMP FOOD FLD CROP	31	49.2	7,520,768	7,600,768	0.0	0
407 NEW IMP NON FOOD FC	55	92.1	16,466,008	16,469,219	0.0	380,591
408 MKT QUAL FIELD CRCPS	47	49.4	7,226,721	7,226,721	0.0	20,398
409 PROD ANML PR IMP ACCP	16	10.6	3,097,188	3,097,188	0.0	653,436
410 IMP MEAT MILK EGG PR	20	27.0	4,726,631	4,726,631	0.0	301,233
411 IMP NON FOOD ANML PR	13	14.3	2,854,033	2,854,033	0.0	0
412 MKT QUAL ANIMAL PROD	9	6.5	1,140,860	1,140,860	0.0	10,024
SUBTOTAL		556.9	98,763,791	100,474,065	0.0	4,114,780
SERIES 500						
501 IMP GRADES & STANDS	23	16.1	3,078,098	3,337,908	0.0	152,542
502 MKTG TIMBER PRODUCTS	2	0.6	221,745	221,745	0.0	0
503 MKTG EFF AGRI PRODS	25	15.6	2,093,942	2,157,604	0.0	205,766
506 SPLY DEMAND AND PRIC	37	59.6	7,464,391	7,464,391	0.0	677,277
507 COMP REL IN AGRIC	7	3.2	420,815	420,815	0.0	94,596
508 DOMESTIC MKT DEVELP	4	3.0	456,485	456,485	0.0	69,215
509 PERFORMANCE MKTG SYS	29	39.4	4,866,532	4,866,532	0.0	42,091
510 GROUP ACT MKT POWER	4	3.8	439,204	439,204	0.0	14,030
511 IMP AGRIC STATISTICS	1	0.0	194,000	194,000	0.0	194,000
512 IMP GRADES FRST PROD	6	8.7	742,215	868,612	0.0	0
513 PRICE ANAL FRST PROD	13	18.2	2,606,984	2,803,263	0.0	0
SUBTOTAL		168.2	22,584,412	23,230,559	0.0	1,449,518
SERIES 600						
601 FGN MKT DEVELP	62	119.5	11,093,261	11,350,261	0.0	1,365,304
602 EVAL FGN FOOD AID PGM	1	5.7	527,722	527,722	0.0	0
603 TECH AID DEV CRTY	4	0.2	116,145	116,145	0.0	23,830
604 PRD DVLPMT/MKTG FRGN	6	2.9	521,915	521,915	0.0	0
SUBTOTAL		128.3	12,259,042	12,516,042	0.0	1,389,133
SERIES 700						
701 TOX RES IN FOOD	46	15.3	5,430,895	5,474,895	0.0	2,220,332
702 FOOD PROT FROM TOX	41	70.7	11,283,880	11,283,880	0.0	72,069
703 FOOD CONSUMP HABITS	24	14.8	7,413,940	7,413,940	0.0	109,094
706 CONTR INSECTS AFF MAN	24	20.0	3,509,449	3,613,117	0.0	102,092
707 TRANS ANIML MAN DIS	7	0.9	104,704	137,979	0.0	0
708 HUMAN NUTRITION	130	95.8	46,096,020	46,121,021	0.0	1,403,812
709 REDUCE HAZ HLTH & SFTY	34	32.4	5,210,649	5,210,649	0.0	430,150
SUBTOTAL		249.9	79,049,537	79,255,480	0.0	4,337,550

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	FED FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 800						
801 RURAL HOUSING	4	5.0	873,823	909,358	0.0	0
802 INDIV & FAM DEC MAKING	6	4.3	433,781	433,781	0.0	17,206
803 RURAL POVERTY	1	0.0	17,206	17,206	0.0	17,206
804 ECON POTENT RURL REO	9	12.8	1,358,602	1,358,602	0.0	30,111
805 COMMUNICAT EDUC PROC	2	1.0	58,470	58,470	0.0	0
806 ADJUSTMENT TO CHANGE	7	9.2	1,346,836	1,346,836	0.0	17,206
807 AGRIC ECONOMIC CHANGE	39	50.4	4,664,690	4,664,690	0.0	102,870
808 GOVT PROGRAMS	19	21.8	1,873,201	1,873,201	0.0	67,687
SUBTOTAL		104.6	10,626,609	10,662,144	0.0	252,286
SERIES 900						
901 ALLEV POLLUTION	67	52.3	9,690,411	10,088,819	0.0	552,572
902 OUTDOOR RECREATION	18	19.2	2,434,156	2,726,928	0.0	0
903 MULTI USE FOREST POTEN	17	15.5	1,603,644	2,327,213	0.0	0
904 WLDLFE AND FISH ECOL	77	53.6	13,774,100	15,189,530	0.0	1,217,127
905 TREES BEAUTIFICATION	13	6.5	3,409,932	3,409,932	0.0	10,800
906 ORNAMENT & TURF DEV	39	19.8	3,631,739	3,631,739	0.0	128,285
907 RURAL INCOME IMP	6	6.1	581,180	581,180	0.0	90,333
908 RURAL INSTITUT IMP	12	11.5	1,025,656	1,025,656	0.0	159,157
SUBTOTAL		184.6	36,150,817	38,980,997	0.0	2,158,274
SCIENCE IN SERV OF MAN						
GRAND TOTAL		3856.5	753,750,268	769,424,048	0.0	57,677,823

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- AGRICULTURAL COOPERATIVE SERVICE ACS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
46.00 FARM COOPERATIVES	10	14.1	1,557,350	1,557,350	0.0	0
TOTAL		14.1	1,557,350	1,557,350	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- AGRICULTURAL COOPERATIVE SERVICE ACS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 500						
509 PERFORMANCE MKTG SYS	7	10.3	1,132,176	1,132,176	0.0	0
510 GROUP ACT MKT POWER	3	3.8	425,174	425,174	0.0	0
SUBTOTAL		14.1	1,557,350	1,557,350	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL		14.1	1,557,350	1,557,350	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- AGRICULTURAL RESEARCH SERVICE ARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	166	141.9	22,370,473	22,578,505	0.0	88,842
0200 WATER	141	98.6	16,604,159	16,739,652	0.0	77,237
0300 WATERSHEDS RIVER BAS	57	48.9	8,779,677	8,798,427	0.0	154,057
0400 AIR AND CLIMATE	4	1.0	150,566	150,566	0.0	0
0500 RECREATION RESOURCES	1	0.3	34,850	34,850	0.0	0
0600 TIMBER FORST PRODUCT	31	16.3	3,580,414	3,580,414	0.0	5,750
0700 RANGE	71	65.9	10,556,074	10,617,006	0.0	52,947
0800 WILDLIFE AND FISH	8	7.2	1,427,618	1,427,618	0.0	0
0900 CITRUS SUB TROP FRUT	74	77.9	14,739,399	14,808,938	0.0	647,230
1000 FRUIT NUTS DECIDUCUS	133	120.5	21,845,003	21,850,980	0.0	178,106
1100 POTATOES	56	33.2	5,863,754	5,869,353	0.0	177,993
1200 VEGETABLES	181	117.5	20,117,664	20,175,164	0.0	49,606
1300 ORNAMENTALS TURF	39	20.9	4,819,188	4,819,188	0.0	12,800
1400 CORN	185	137.9	21,627,515	21,683,410	0.0	270,143
1500 GRAIN SORGHUM	51	16.3	2,742,779	2,782,527	0.0	59,818
1600 RICE	28	14.9	2,552,681	2,558,281	0.0	0
1700 WHEAT	169	115.8	18,682,383	20,073,878	0.0	90,341
1800 OTHER SMALL GRAINS	64	25.9	4,334,290	4,398,882	0.0	16,541
1900 PASTURE	35	16.7	2,878,331	2,878,331	0.0	49,093
2000 FORAGE CROPS	142	103.0	16,740,281	16,777,981	0.0	14,047
2100 COTTON	126	165.3	29,800,366	29,991,639	0.0	251,515
2200 COTTONSEED	19	19.6	2,806,303	2,808,591	0.0	0
2300 SOYBEANS	174	140.4	21,957,461	22,079,609	0.0	239,313
2400 PEANUTS	48	40.2	5,940,872	5,946,472	0.0	7,160
2500 OTHER OILSEED CROPS	27	13.4	1,869,061	1,869,061	0.0	33,000
2600 TOBACCO	32	27.7	4,680,660	4,680,660	0.0	568,811
2700 SUGAR CROPS	34	40.3	7,332,675	7,332,675	0.0	61,109
2800 MISC NEW CROPS	46	29.3	4,808,409	4,814,008	0.0	72,975
2900 POULTRY	77	85.9	15,250,878	15,311,062	0.0	15,000
3000 BEEF CATTLE	186	151.7	29,954,792	30,142,809	0.0	126,367
3100 DAIRY CATTLE	151	106.7	23,687,978	23,875,989	0.0	400,941
3200 SWINE	100	80.8	19,108,208	19,123,752	0.0	129,000
3300 SHEEP AND WOOL	66	31.9	7,178,554	7,202,379	0.0	39,341
3400 OTHER ANIMALS	22	6.0	2,844,474	2,879,655	0.0	80,070
3500 BEES AND HONEY	18	22.4	3,709,232	4,049,239	0.0	21,433
3600 FARM SUPP & FACILITS	2	4.1	325,677	325,677	0.0	0
3800 FOOD	42	41.1	12,305,121	12,305,121	0.0	38,910
3900 HOUSING & EQUIP	9	2.3	317,411	317,411	0.0	0
4000 PEOPLE AS INDIVIDUALS	76	73.1	33,753,064	33,897,204	0.0	189,808
4100 FAMILY MEMBERS	5	4.1	379,881	394,676	0.0	0
4200 FARM AS BUSINESS	2	1.5	271,865	271,865	0.0	0
4800 MARKETING SYSTEMS	1	0.1	16,523	16,523	0.0	0
6100 WEEDS	52	39.0	5,915,343	5,915,343	0.0	20,000
6200 SEED RESEARCH	10	9.4	1,477,868	1,477,868	0.0	0
6300 BIO CELL SYSTEMS	21	20.2	2,917,820	2,917,820	0.0	50,427
6400 EXP DESIGN/STAT METHOD	1	0.1	16,282	16,282	0.0	0
6500 INVERTEBRATES	79	90.5	13,575,214	13,664,191	0.0	79,002
6600 MICROORGANISMS VIRUSES	56	55.5	8,282,951	8,282,951	0.0	12,000
6700 PLANTS	178	182.7	29,023,959	29,271,394	0.0	69,761
6800 ANIMALS (VERTEBRATES)	15	15.8	2,360,771	2,360,771	0.0	0
7000 RSCH EQUIP & TECHNOLOGY	12	13.9	1,694,038	1,694,038	0.0	7,713
TOTAL		2695.6	494,010,812	497,840,691	0.0	4,458,217

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- AGRICULTURAL RESEARCH SERVICE ARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
101 APPRAIS OF SOIL RESOR	14	10.0	1,595,193	1,647,304	0.0	7,513
102 SOIL PLNT WTR MGT&I	148	141.8	23,244,376	23,427,901	0.0	68,747
103 MGMT OF SALINE SOILS	11	9.5	1,721,573	1,721,573	0.0	0
104 ALTERN USE OF LAND	2	0.7	145,474	162,845	0.0	0
105 CONSERV USE OF WATER	85	68.9	12,023,136	12,093,438	0.0	9,254
106 DRAIN AND IRRIGATION	16	21.2	3,162,259	3,162,259	0.0	0
107 WATERSHED PROT & MGMT	83	89.7	16,062,665	16,118,138	0.0	295,374
109 WEATHER ADAPT & MOD	10	4.5	706,947	706,947	0.0	0
110 APPRAIS FORST & RANGS	1	1.0	156,780	156,780	0.0	0
111 BIOL CULT MGMT FORSTS	1	0.0	2,000	2,000	0.0	2,000
112 IMPROV RANGE RESOR	36	36.1	5,772,286	5,781,314	0.0	12,043
113 REMOTE SENSING	9	16.7	2,611,207	2,611,207	0.0	0
SUBTOTAL		400.2	67,203,897	67,591,706	0.0	394,932
SERIES 200						
201 CNTRL FORST INSECTS	21	9.1	1,250,157	1,250,157	0.0	3,750
202 CONTROL FOREST DIS	3	0.7	117,534	117,534	0.0	0
203 FOREST FIRE PROTECT	1	0.1	10,241	10,241	0.0	0
204 CNTR PESTS FRT & VEGS	113	73.5	13,753,629	13,788,167	0.0	83,568
205 CNTR DISE FRT & VEG	119	72.1	12,697,797	12,732,798	0.0	888,272
206 CNTR WEEDS FRT & VEG	30	12.2	1,911,652	1,914,152	0.0	5,000
207 CNTR PESTS FLD CROPS	169	160.0	25,867,378	26,032,136	0.0	111,239
208 CNTR DIS FIELD CROPS	155	103.8	15,954,827	16,074,827	0.0	73,177
209 CNTL WEEDS FLD CROPS	89	72.4	11,422,602	11,425,102	0.0	155,834
210 CONTR PESTS ANIMALS	45	62.5	8,596,049	8,598,054	0.0	0
211 CONTR DIS ANIMALS	101	119.9	33,036,770	33,519,703	0.0	342,734
212 CNTR INTER PARASITES	19	26.5	6,255,365	6,255,365	0.0	0
213 PROT ANMLS FROM TOXINS	14	32.2	5,001,715	5,025,540	0.0	0
214 PROTECT FROM POLLUTION	13	10.6	1,412,537	1,641,359	0.0	0
SUBTOTAL		755.7	137,288,253	138,385,135	0.0	1,663,575
SERIES 300						
304 IMP BIO EFF FRT & VEGS	125	77.2	15,433,646	15,433,646	0.0	100,557
305 MECH PROD FRT & VEGS	4	3.9	642,471	642,471	0.0	0
306 PROD MGMT SYS F & V	5	1.1	157,742	157,742	0.0	0
307 IMP BIO EFF FLD CRP	276	228.3	39,049,388	40,332,231	0.0	763,735
308 MECH PROD FIELD CROPS	15	12.3	2,328,927	2,328,927	0.0	11,027
309 PROD MGMT SYS FLD CRP	55	38.4	6,349,730	6,349,730	0.0	30,160
310 ANIMAL REPRODUCTION	42	37.2	7,905,010	7,905,010	0.0	9,900
311 IMP BIO EFF ANML PR	113	89.0	20,733,648	20,735,648	0.0	118,149
312 ENV STRESS IN ANMI PR	13	13.2	2,025,345	2,025,345	0.0	0
313 PROD MGMT SYS ANMI PR	12	5.7	1,069,194	1,069,194	0.0	6,021
314 BEES OTH POLLNTNG INS	18	22.4	3,709,232	4,049,239	0.0	21,433
315 IMP STRUC FARM SUPP	1	0.2	28,586	28,586	0.0	0
316 FARM BUSINESS MGMT	2	1.5	271,865	271,865	0.0	0
317 MECH/STRUCTS ANML PRD	2	0.5	122,188	122,188	0.0	0
318 NON CON BIO TECH/ELMET	155	211.1	31,530,809	31,545,809	0.0	95,001
SUBTOTAL		742.0	131,357,780	132,997,630	0.0	1,155,984
SERIES 400						
402 PROD F & V IMP ACCEPT	35	21.8	3,507,752	3,507,752	0.0	0
403 NEW & IMP F & V PROD	13	28.6	3,876,266	3,876,266	0.0	0
404 MKT QUAL FRTS & VEGS	63	81.4	13,179,632	13,185,609	0.0	0
405 PROD FLD CROP IMP ACPT	88	91.6	13,907,330	13,914,958	0.0	81,947
406 NEW IMP FOOD FLD CROP	31	49.2	7,520,768	7,600,768	0.0	0
407 NEW IMP NON FOOD PC	52	92.1	16,085,418	16,088,628	0.0	0
408 MKT QUAL FIELD CROPS	45	49.4	7,224,574	7,224,574	0.0	18,251
409 PROD ANML PR IMP ACCP	10	10.6	2,449,752	2,449,752	0.0	6,000
410 IMP MEAT MILK EGG PR	20	27.0	4,726,631	4,726,631	0.0	301,233
411 IMP NON FOOD ANML PR	12	14.3	2,737,033	2,737,033	0.0	0
412 MKT QUAL ANIMAL PROD	9	6.5	1,140,860	1,140,860	0.0	10,023
SUBTOTAL		472.6	76,356,014	76,452,829	0.0	417,455
SERIES 500						
501 IMP GRADES & STANDS	21	16.1	2,997,869	3,257,678	0.0	72,312
503 MKTG EFF AGRI PRODS	10	6.1	908,979	972,640	0.0	48,208
SUBTOTAL		22.2	3,906,848	4,230,319	0.0	120,521
SERIES 600						
601 FGN MKT DEVELP	3	0.1	25,109	25,109	0.0	0
603 TECH AID DEV CNTY	1	0.1	50,702	50,702	0.0	0
604 PRD DVLPMT/MKTG FRGN	6	2.9	521,915	521,915	0.0	0
SUBTOTAL		3.2	597,726	597,726	0.0	0
SERIES 700						
701 TOX RES IN FOOD	17	15.3	3,210,563	3,254,563	0.0	0
702 FOOD PROT FROM TOX	38	68.8	10,764,888	10,764,888	0.0	18,033
703 FOOD CONSUMP HABITS	2	1.1	207,233	207,233	0.0	0
706 CONTR INSECTS AFF MAN	22	20.0	3,422,412	3,526,079	0.0	15,055
707 TRANS ANIML-MAN DIS	7	0.9	104,704	137,979	0.0	0
708 HUMAN NUTRITION	82	88.8	41,084,502	41,109,503	0.0	204,753
709 REDUCE HAZ HLTH & SFTY	32	32.4	5,201,580	5,201,580	0.0	421,081
SUBTOTAL		227.3	63,995,881	64,201,824	0.0	658,922
SERIES 800						
802 INDIV & FAM DEC MAKING	4	4.1	379,881	379,881	0.0	0
SUBTOTAL		4.1	379,881	379,881	0.0	0
SERIES 900						
901 ALLEV POLLUTION	30	37.9	5,163,255	5,242,363	0.0	34,026
902 OUTDOOR RECREATION	1	0.3	34,850	34,850	0.0	0
904 WLDLFE AND FISH ECOL	5	4.8	966,800	966,800	0.0	0
905 TREES BEAUTIFICATION	10	5.4	3,254,174	3,254,174	0.0	10,800
906 ORNAMENT & TURF DEV	34	19.8	3,505,454	3,505,454	0.0	2,000
SUBTOTAL		68.2	12,924,533	13,003,640	0.0	46,826
SCIENCE IN SERV OF MAN						
GRAND TOTAL		2695.6	494,010,812	497,840,691	0.0	4,458,217

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- COOPERATIVE STATE RESEARCH SERVICE CSRS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	17	0.0	936,817	936,817	0.0	936,817
0200 WATER	6	0.0	222,193	222,193	0.0	222,193
0300 WATERSHEDS RIVER BAS	1	0.0	5,638	5,638	0.0	5,638
0400 AIR AND CLIMATE	1	0.0	60,153	60,153	0.0	60,153
0600 TIMBER FORST PRODUCT	18	0.0	3,061,330	3,061,330	0.0	3,024,363
0700 RANGE	15	0.0	457,267	457,267	0.0	380,737
0800 WILDLIFE AND FISH	14	0.0	3,070,395	3,070,395	0.0	1,120,161
0900 CITRUS SUB TROP FRUT	24	0.0	828,288	828,288	0.0	828,288
1000 FRUIT NUTS DECIDUCUS	25	0.0	1,369,737	1,369,737	0.0	1,369,737
1100 POTATOES	45	0.0	1,711,268	1,711,268	0.0	1,711,268
1200 VEGETABLES	41	0.0	1,884,512	1,884,512	0.0	1,828,402
1300 ORNAMENTALS TURF	5	0.0	126,285	126,285	0.0	126,285
1400 CORN	14	0.0	560,860	560,860	0.0	560,860
1500 GRAIN SORGHUM	3	0.0	102,047	102,047	0.0	102,047
1600 RICE	3	0.0	57,500	57,500	0.0	57,500
1700 WHEAT	18	0.0	812,972	812,972	0.0	812,972
1800 OTHER SMALL GRAINS	7	0.0	37,375	37,375	0.0	37,375
1900 PASTURE	4	0.0	65,428	65,428	0.0	65,428
2000 FORAGE CROPS	25	0.0	459,879	459,879	0.0	459,879
2100 COTTON	6	0.0	143,567	143,567	0.0	110,067
2300 SOYBEANS	11	0.0	601,604	601,604	0.0	568,104
2400 PEANUTS	3	0.0	86,019	86,019	0.0	86,019
2500 OTHER OILSEED CROPS	2	0.0	180,120	180,120	0.0	180,120
2700 SUGAR CROPS	6	0.0	90,105	90,105	0.0	90,105
2800 MISC NEW CROPS	8	0.0	700,711	700,711	0.0	700,711
2900 POULTRY	9	0.0	734,349	734,349	0.0	734,349
3000 BEEF CATTLE	32	0.0	2,329,046	2,329,046	0.0	2,179,046
3100 DAIRY CATTLE	23	0.0	1,555,777	1,555,777	0.0	1,555,777
3200 SWINE	13	0.0	1,027,973	1,027,973	0.0	1,027,973
3300 SHEEP AND WOOL	6	0.0	240,842	240,842	0.0	240,842
3400 OTHER ANIMALS	8	0.0	573,979	573,979	0.0	573,979
3500 BEES AND HONEY	2	0.0	25,424	25,424	0.0	25,424
3600 FARM SUPP & FACILITS	2	0.0	32,394	32,394	0.0	32,394
3800 FOOD	6	0.0	636,445	636,445	0.0	636,445
3900 HOUSING & EQUIP	3	0.0	22,138	22,138	0.0	22,138
4000 PEOPLE AS INDIVIDUALS	3	0.0	201,924	201,924	0.0	201,924
4100 FAMILY MEMBERS	1	0.0	17,206	17,206	0.0	17,206
4200 FARM AS BUSINESS	1	0.0	54,036	54,036	0.0	54,036
4300 SOC POLIT ORGANIZ	4	0.0	292,505	292,505	0.0	292,505
4400 AGRIC ECONOMY U S	3	0.0	732,884	732,884	0.0	732,884
4500 AGRIC ECONOMY FORGN	4	0.0	1,284,414	1,284,414	0.0	1,284,414
4800 MARKETING SYSTEMS	2	0.0	98,639	98,639	0.0	98,639
6100 WEEDS	8	0.0	116,302	116,302	0.0	116,302
6300 BIO.CELL SYSTEMS	2	0.0	133,549	133,549	0.0	133,549
6400 EXP DESIGN/STAT METHOD	1	0.0	5,650	5,650	0.0	5,650
6500 INVERTEBRATES	5	0.0	31,988	31,988	0.0	31,988
6600 MICROORGANISMS VIRUSES	12	0.0	580,954	580,954	0.0	580,954
6700 PLANTS	41	0.0	2,266,086	2,266,086	0.0	2,266,086
6800 ANIMALS (VERTEBRATES)	23	0.0	657,457	657,457	0.0	657,457
6900 RESEARCH ON RSCH MGMT	2	0.0	62,083	62,083	0.0	62,083
7000 RSCH EQUIP & TECHNOLOGY	3	0.0	218,045	218,045	0.0	218,045
TOTAL		0.0	31,564,161	31,564,161	0.0	29,227,320

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- COOPERATIVE STATE RESEARCH SERVICE CSRS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
101 APPRAIS OF SOIL RESOR	2	0.0	82,180	82,180	0.0	82,180
102 SOIL PLNT WTR MGTMT	10	0.0	696,616	696,616	0.0	696,616
104 ALTERN USE OF LAND	2	0.0	153,576	153,576	0.0	153,576
105 CONSERV USE OF WATER	1	0.0	65,365	65,365	0.0	65,365
106 DRAIN AND IRRIGATION	3	0.0	114,684	114,684	0.0	114,684
107 WATERSHED PROT & MGMT	3	0.0	171,273	171,273	0.0	171,273
109 WEATHER ADAPT & MOD	1	0.0	109,653	109,653	0.0	109,653
111 BIOL CULT MGMT FORSTS	4	0.0	129,264	129,264	0.0	129,264
112 IMPROV RANGE RESOR	10	0.0	301,549	301,549	0.0	225,019
113 REMOTE SENSING	1	0.0	181,068	181,068	0.0	181,068
114 RSCH ON MGMT OF RSCH	2	0.0	62,083	62,083	0.0	62,083
SUBTOTAL		0.0	2,067,310	2,067,310	0.0	1,990,780
SERIES 200						
201 CNTRL FORST INSECTS	2	0.0	91,500	91,500	0.0	91,500
202 CONTROL FOREST DIS	2	0.0	904,901	904,901	0.0	904,901
204 CNTR PESTS PRT & VEGS	51	0.0	1,342,807	1,342,807	0.0	1,342,807
205 CNTR DISE PRT & VEG	43	0.0	1,662,435	1,662,435	0.0	1,662,435
206 CNTR WEEDS PRT & VEG	7	0.0	82,581	82,581	0.0	82,581
207 CNTR PESTS FLD CROPS	44	0.0	1,341,431	1,341,431	0.0	1,341,431
208 CNTR DIS FIELD CRCPS	33	0.0	902,248	902,248	0.0	835,248
209 CNTR WEEDS FLD CRCPS	22	0.0	279,561	279,561	0.0	279,561
210 CONTR PESTS ANIMALS	11	0.0	650,279	650,279	0.0	650,279
211 CONTR DIS ANIMALS	43	0.0	4,315,656	4,315,656	0.0	4,165,656
212 CNTR INTER PARASITES	2	0.0	107,231	107,231	0.0	107,231
214 PROTECT FROM POLLUTION	11	0.0	995,467	995,467	0.0	995,467
SUBTOTAL		0.0	12,676,096	12,676,096	0.0	12,459,096
SERIES 300						
301 GENET BREED FORST TRE	1	0.0	23,500	23,500	0.0	23,500
302 IMP FOREST ENG SYS	2	0.0	925,965	925,965	0.0	925,965
304 IMP BIO EFF PRT & VEGS	26	0.0	1,028,228	1,028,228	0.0	972,118
305 MECH PROD PRT & VEGS	2	0.0	33,110	33,110	0.0	33,110
306 PROD MGMT SYS F & V	5	0.0	310,883	310,883	0.0	310,883
307 IMP BIO EFF FLD CRP	17	0.0	771,752	771,752	0.0	771,752
308 MECH PROD FIELD CROPS	2	0.0	53,039	53,039	0.0	53,039
309 PROD MGMT SYS FLD CRP	6	0.0	110,635	110,635	0.0	110,635
310 ANIMAL REPRODUCTION	7	0.0	590,490	590,490	0.0	590,490
311 IMP BIO EFF ANML PR	12	0.0	819,499	819,499	0.0	819,499
313 PROD MGMT SYS ANML PR	2	0.0	66,543	66,543	0.0	66,543
314 BEES OTH POLLNTNG INS	2	0.0	25,424	25,424	0.0	25,424
316 FARM BUSINESS MGMT	1	0.0	54,036	54,036	0.0	54,036
318 NON COM BIO TECH/EIMET	9	0.0	430,804	430,804	0.0	430,804
SUBTOTAL		0.0	5,243,869	5,243,869	0.0	5,187,759
SERIES 400						
401 NEW IMP FOREST PROD	9	0.0	876,499	876,499	0.0	839,532
402 PROD F & V IMP ACCEPT	9	0.0	306,312	306,312	0.0	306,312
403 NEW & IMP F & V PROD	1	0.0	29,287	29,287	0.0	29,287
404 MKT QUAL FRTS & VEGS	9	0.0	375,669	375,669	0.0	375,669
405 PROD FLD CROP IMP ACPT	2	0.0	102,618	102,618	0.0	102,618
407 NEW IMP NON FOOD PC	2	0.0	304,591	304,591	0.0	304,591
408 MKT QUAL FIELD CRCPS	2	0.0	2,147	2,147	0.0	2,147
409 PROD ANML PR IMP ACCP	3	0.0	163,436	163,436	0.0	163,436
SUBTOTAL		0.0	2,160,560	2,160,560	0.0	2,123,593
SERIES 500						
501 IMP GRADES & STANDS	2	0.0	80,229	80,229	0.0	80,229
503 MKTG EFF AGRI PRODS	3	0.0	157,558	157,558	0.0	157,558
506 SPLY DEMAND AND PRIC	4	0.0	677,277	677,277	0.0	677,277
507 COMP REL IN AGRIC	3	0.0	94,596	94,596	0.0	94,596
508 DOMESTIC MKT DEVELP	2	0.0	69,215	69,215	0.0	69,215
509 PERFORMANCE MKTG SYS	1	0.0	42,091	42,091	0.0	42,091
510 GROUP ACT MKT POWER	1	0.0	14,030	14,030	0.0	14,030
511 IMP AGRIC STATISTICS	1	0.0	194,000	194,000	0.0	194,000
SUBTOTAL		0.0	1,328,997	1,328,997	0.0	1,328,997
SERIES 600						
601 FGN MKT DEVELP	5	0.0	1,365,304	1,365,304	0.0	1,365,304
603 TECH AID DEV CRTY	2	0.0	23,830	23,830	0.0	23,830
SUBTOTAL		0.0	1,389,133	1,389,133	0.0	1,389,133
SERIES 700						
701 TOX RES IN FOOD	29	0.0	2,220,332	2,220,332	0.0	2,220,332
702 FOOD PROT FROM TOX	1	0.0	54,036	54,036	0.0	54,036
703 FOOD CONSUMP HABITS	2	0.0	109,094	109,094	0.0	109,094
706 CONTR INSECTS AFF MAN	2	0.0	87,037	87,037	0.0	87,037
708 HUMAN NUTRITION	1	0.0	4,659	4,659	0.0	4,659
709 REDUCE HAZ HLTH & SFTY	2	0.0	9,069	9,069	0.0	9,069
SUBTOTAL		0.0	2,484,228	2,484,228	0.0	2,484,228
SERIES 800						
802 INDIV & FAM DEC MAKING	1	0.0	17,206	17,206	0.0	17,206
803 RURAL POVERTY	1	0.0	17,206	17,206	0.0	17,206
804 ECON POTENT RURL PEO	1	0.0	30,111	30,111	0.0	30,111
806 ADJUSTMENT TO CHANGE	1	0.0	17,206	17,206	0.0	17,206
807 AGRIC ECONOMIC CHANGE	3	0.0	102,870	102,870	0.0	102,870
808 GOVT PROGRAMS	2	0.0	67,687	67,687	0.0	67,687
SUBTOTAL		0.0	252,286	252,286	0.0	252,286
SERIES 900						
901 ALLEV POLLUTION	10	0.0	518,546	518,546	0.0	518,546
904 WLDLFE AND FISH ECOL	14	0.0	3,067,361	3,067,361	0.0	1,117,127
906 ORNAMENT & TURF DEV	5	0.0	126,285	126,285	0.0	126,285
907 RURAL INCOME IMP	3	0.0	90,333	90,333	0.0	90,333
908 RURAL INSTITUT IMP	4	0.0	159,157	159,157	0.0	159,157
SUBTOTAL		0.0	3,961,681	3,961,681	0.0	2,011,447
SCIENCE IN SERV OF MAN						
GRAND TOTAL		0.0	31,564,161	31,564,161	0.0	29,227,320

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- COMPETITIVE RESEARCH GRANTS OFFICE CRGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0600 TIMBER FORST PRODUCT	48	0.0	6,206,429	6,206,429	0.0	2,734,423
0800 WILDLIFE AND FISH	2	0.0	220,000	220,000	0.0	100,000
0900 CITRUS SUB TROP FRUT	3	0.0	240,000	240,000	0.0	210,000
1000 FRUIT NUTS DECIDUCUS	1	0.0	117,000	117,000	0.0	117,000
1200 VEGETABLES	9	0.0	1,431,410	1,431,410	0.0	1,080,410
1400 CORN	12	0.0	1,428,870	1,428,870	0.0	593,870
1700 WHEAT	5	0.0	515,000	515,000	0.0	365,000
1800 OTHER SMALL GRAINS	4	0.0	361,000	361,000	0.0	211,000
2000 FORAGE CROPS	3	0.0	274,000	274,000	0.0	274,000
2100 COTTON	2	0.0	130,000	130,000	0.0	100,000
2300 SOYBEANS	8	0.0	648,364	648,364	0.0	543,364
2500 OTHER OILSEED CROPS	1	0.0	125,000	125,000	0.0	0
2600 TOBACCO	1	0.0	145,000	145,000	0.0	0
2900 POULTRY	16	0.0	2,532,096	2,532,096	0.0	1,194,896
3000 BEEF CATTLE	21	0.0	2,650,450	2,650,450	0.0	925,500
3100 DAIRY CATTLE	15	0.0	1,983,250	1,983,250	0.0	1,681,250
3200 SWINE	13	0.0	1,642,696	1,642,696	0.0	721,250
3300 SHEEP AND WOOL	8	0.0	1,110,000	1,110,000	0.0	860,000
3400 OTHER ANIMALS	4	0.0	465,000	465,000	0.0	30,000
3500 BEES AND HONEY	1	0.0	100,000	100,000	0.0	100,000
3800 FOOD	7	0.0	388,900	388,900	0.0	308,400
3900 HOUSING & EQUIP	2	0.0	175,600	175,600	0.0	0
4000 PEOPLE AS INDIVIDUALS	11	0.0	791,496	791,496	0.0	315,000
4100 FAMILY MEMBERS	4	0.0	398,000	398,000	0.0	42,000
6100 WEEDS	4	0.0	247,000	247,000	0.0	247,000
6300 BIO CELL SYSTEMS	2	0.0	128,540	128,540	0.0	50,440
6500 INVERTEBRATES	48	0.0	3,793,184	3,793,184	0.0	2,275,460
6600 MICROORGANISMS VIRUSES	75	0.0	6,249,462	6,249,462	0.0	4,232,743
6700 PLANTS	93	0.0	8,352,970	8,352,970	0.0	4,220,280
6800 ANIMALS (VERTEBRATES)	8	0.0	571,500	571,500	0.0	459,000
TOTAL		0.0	43,422,217	43,422,217	0.0	23,992,286

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- COMPETITIVE RESEARCH GRANTS OFFICE CRGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
102 SOIL PLNT WTR NUTRI	2	0.0	153,000	153,000	0.0	153,000
103 MGMT OF SALINE SOILS	2	0.0	175,000	175,000	0.0	50,000
105 CONSERV USE OF WATER	2	0.0	186,000	186,000	0.0	90,000
111 BIOL CULT MGMT FORSTS	10	0.0	1,654,344	1,654,344	0.0	650,380
SUBTOTAL		0.0	2,168,344	2,168,344	0.0	943,380
SERIES 200						
201 CNTRL FORST INSECTS	15	0.0	1,889,846	1,889,846	0.0	1,089,941
202 CONTROL FOREST DIS	2	0.0	257,700	257,700	0.0	257,700
204 CNTR PESTS FRT & VEGS	2	0.0	80,000	80,000	0.0	0
205 CNTR DISE FRT & VEG	2	0.0	207,000	207,000	0.0	207,000
206 CNTR WEEDS FRT & VEG	1	0.0	100,000	100,000	0.0	100,000
207 CNTR PESTS FLD CROPS	6	0.0	540,000	540,000	0.0	350,000
208 CNTR DIS FIELD CROPS	6	0.0	518,700	518,700	0.0	468,700
209 CNTR WEEDS FLD CROPS	3	0.0	185,000	185,000	0.0	185,000
211 CONTR DIS ANIMALS	16	0.0	2,479,800	2,479,800	0.0	885,000
SUBTOTAL		0.0	6,258,046	6,258,046	0.0	3,543,341
SERIES 300						
301 GENET BREED FORST TRE	4	0.0	453,702	453,702	0.0	258,582
304 IMP BIO EFF FRT & VEGS	10	0.0	1,423,910	1,423,910	0.0	1,302,910
305 MECH PRCD FRT & VEGS	1	0.0	230,000	230,000	0.0	0
307 IMP BIO EFF FLD CRP	32	0.0	3,423,624	3,423,624	0.0	1,666,724
309 PROD MGMT SYS FLD CRP	1	0.0	20,000	20,000	0.0	20,000
310 ANIMAL REPRODUCTION	28	0.0	4,046,192	4,046,192	0.0	2,394,396
311 IMP BIO EFF ANML PR	21	0.0	3,331,500	3,331,500	0.0	1,759,500
314 BEES OTH POLLNTNG INS	1	0.0	100,000	100,000	0.0	100,000
318 NON CON BIO TECH/PIMET	176	0.0	15,972,503	15,972,503	0.0	9,135,321
SUBTOTAL		0.0	29,001,431	29,001,431	0.0	16,637,433
SERIES 400						
401 NEW IMP FOREST PROD	25	0.0	2,844,000	2,844,000	0.0	1,013,732
407 NEW IMP NON FOOD PC	1	0.0	76,000	76,000	0.0	76,000
409 PROD ANML PR IMP ACCP	3	0.0	484,000	484,000	0.0	484,000
411 IMP NON FOOD ANML PR	1	0.0	117,000	117,000	0.0	0
SUBTOTAL		0.0	3,521,000	3,521,000	0.0	1,573,732
SERIES 700						
708 HUMAN NUTRITION	27	0.0	2,253,396	2,253,396	0.0	1,194,400
SUBTOTAL		0.0	2,253,396	2,253,396	0.0	1,194,400
SERIES 900						
904 WLDLFE AND FISH ECOL	2	0.0	220,000	220,000	0.0	100,000
SUBTOTAL		0.0	220,000	220,000	0.0	100,000
SCIENCE IN SERV OF MAN						
GRAND TOTAL		0.0	43,422,217	43,422,217	0.0	23,992,286

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- ECONOMIC RESEARCH SERVICE ERS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	23	36.6	3,663,432	3,663,432	0.0	0
0200 WATER	14	19.6	1,901,159	1,901,159	0.0	0
0300 WATERSHEDS RIVER BAS	2	1.7	161,894	161,894	0.0	0
0500 RECREATION RESOURCES	1	1.1	93,021	93,021	0.0	0
0900 CITRUS SUB TROP FRUT	5	3.4	353,495	353,495	0.0	0
1000 FRUIT NUTS DECIDUOUS	5	3.6	372,752	372,752	0.0	0
1200 VEGETABLES	3	1.7	199,254	199,254	0.0	0
1400 CORN	9	2.9	361,893	361,893	0.0	0
1500 GRAIN SORGHUM	7	1.2	143,062	143,062	0.0	0
1600 RICE	4	0.9	131,216	131,216	0.0	0
1700 WHEAT	10	2.4	343,456	343,456	0.0	0
1800 OTHER SMALL GRAINS	6	1.3	145,887	145,887	0.0	0
1900 PASTURE	1	0.1	9,416	9,416	0.0	0
2000 FORAGE CROPS	1	0.2	14,124	14,124	0.0	0
2100 COTTON	8	12.6	1,595,482	1,595,482	0.0	0
2300 SOYBEANS	9	3.5	511,274	511,274	0.0	0
2400 PEANUTS	1	0.1	9,416	9,416	0.0	0
2500 OTHER OILSEED CROPS	4	0.8	109,499	109,499	0.0	0
2700 SUGAR CROPS	4	5.8	718,956	718,956	0.0	0
2800 MISC NEW CROPS	1	0.4	40,398	40,398	0.0	0
2900 POULTRY	8	4.2	422,189	422,189	0.0	0
3000 BEEF CATTLE	10	6.6	852,678	852,678	0.0	0
3100 DAIRY CATTLE	12	8.4	1,056,637	1,056,637	0.0	0
3200 SWINE	10	4.9	629,521	629,521	0.0	0
3300 SHEEP AND WOOL	3	4.4	540,358	540,358	0.0	0
3600 FARM SUPP & FACILITS	6	7.8	686,607	686,607	0.0	0
3700 CLOTHING & TEXTILES	1	0.2	27,640	27,640	0.0	0
3800 FOOD	4	6.1	841,612	841,612	0.0	0
3900 HOUSING & EQUIP	1	0.4	35,234	35,234	0.0	0
4000 PEOPLE AS INDIVIDUALS	8	6.3	854,350	854,350	0.0	0
4100 FAMILY MEMBERS	8	11.2	1,367,977	1,367,977	0.0	0
4200 FARM AS BUSINESS	9	7.7	5,358,013	5,358,013	0.0	0
4300 SOC POLIT ORGANIZ	17	26.0	2,150,036	2,150,036	0.0	0
4400 AGRIC ECONOMY U S	48	82.2	7,368,771	7,368,771	0.0	0
4500 AGRIC ECONOMY FORGN	49	121.3	9,881,572	10,138,572	0.0	0
4800 MARKETING SYSTEMS	10	16.7	1,937,266	1,937,266	0.0	0
6900 RESEARCH ON RSCH MGMT	1	0.4	39,487	39,487	0.0	0
TOTAL		414.9	44,929,036	45,186,036	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- ECONOMIC RESEARCH SERVICE ERS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
102 SOIL PLNT WTR NUTRI	3	6.8	613,483	613,483	0.0	0
103 MGMT OF SALINE SOILS	1	1.2	95,679	95,679	0.0	0
104 ALTERN USE OF LAND	19	41.2	4,180,819	4,180,819	0.0	0
105 CONSERV USE OF WATER	1	2.3	253,625	253,625	0.0	0
108 ECON LEG PROB OF WAT	2	6.2	555,847	555,847	0.0	0
114 RSCH ON MGMT OF RSCH	1	0.4	39,487	39,487	0.0	0
SUBTOTAL		58.1	5,738,939	5,738,939	0.0	0
SERIES 200						
214 PROTECT FROM POLLUTION	1	0.6	65,912	65,912	0.0	0
SUBTOTAL		0.6	65,912	65,912	0.0	0
SERIES 300						
313 PROD MGMT SYS ANMI PR	3	2.3	274,279	274,279	0.0	0
316 FARM BUSINESS MGMT	5	5.6	5,167,568	5,167,568	0.0	0
SUBTOTAL		7.9	5,441,847	5,441,847	0.0	0
SERIES 500						
503 MKTG EFF AGRI PRODS	12	9.5	1,027,406	1,027,406	0.0	0
506 SPLY DEMAND AND PRIC	33	59.6	6,787,114	6,787,114	0.0	0
507 COMP REL IN AGRIC	4	3.2	326,219	326,219	0.0	0
508 DOMESTIC MKT DEVELP	2	3.0	387,271	387,271	0.0	0
509 PERFORMANCE MKTG SYS	20	28.9	3,674,243	3,674,243	0.0	0
SUBTOTAL		104.2	12,202,251	12,202,251	0.0	0
SERIES 600						
601 FGN MKT DEVELP	54	119.4	9,702,849	9,959,849	0.0	0
602 EVAL FGN FOOD AID PGM	1	5.7	527,722	527,722	0.0	0
603 TECH AID DEV CRTY	1	0.1	41,613	41,613	0.0	0
SUBTOTAL		125.2	10,272,183	10,529,183	0.0	0
SERIES 700						
702 FOOD PROT FROM TOX	1	1.9	264,956	264,956	0.0	0
703 FOOD CONSUMP HABITS	3	2.0	315,407	315,407	0.0	0
708 HUMAN NUTRITION	1	0.1	20,047	20,047	0.0	0
SUBTOTAL		4.0	600,410	600,410	0.0	0
SERIES 800						
804 ECON POTENT RURL PRO	8	12.8	1,328,491	1,328,491	0.0	0
805 COMMUNICAT EDUC PROC	2	1.0	58,470	58,470	0.0	0
806 ADJUSTMENT TO CHANGE	6	9.2	1,329,630	1,329,630	0.0	0
807 AGRIC ECONOMIC CHANGE	36	50.4	4,561,820	4,561,820	0.0	0
808 GOVT PROGRAMS	17	21.8	1,805,514	1,805,514	0.0	0
SUBTOTAL		95.3	9,083,924	9,083,924	0.0	0
SERIES 900						
901 ALLEV POLLUTION	1	0.1	9,416	9,416	0.0	0
902 OUTDOOR RECREATION	1	1.1	93,021	93,021	0.0	0
904 WLDLFE AND FISH ECOL	1	0.9	63,786	63,786	0.0	0
907 RURAL INCOME IMP	3	6.1	490,847	490,847	0.0	0
908 RURAL INSTITUT IMP	8	11.5	866,499	866,499	0.0	0
SUBTOTAL		19.6	1,523,568	1,523,568	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL		414.9	44,929,036	45,186,036	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	19	12.7	2,618,267	2,840,248	0.0	0
0200 WATER	9	7.9	1,142,661	1,180,876	0.0	0
0300 WATERSHEDS RIVER BAS	51	40.8	7,153,564	7,927,022	0.0	0
0400 AIR AND CLIMATE	10	5.0	1,022,390	1,261,320	0.0	0
0500 RECREATION RESOURCES	17	18.8	2,629,470	2,927,177	0.0	0
0600 TIMBER FORST PRODUCT	451	553.7	98,464,708	106,438,833	0.0	0
0700 RANGE	36	20.6	3,036,010	3,619,615	0.0	0
0800 WILDLIFE AND FISH	62	45.9	9,305,942	10,726,864	0.0	0
3900 HOUSING & EQUIP	4	5.0	873,823	909,358	0.0	0
4800 MARKETING SYSTEMS	1	0.2	18,022	18,022	0.0	0
6500 INVERTEBRATES	3	1.6	242,560	244,982	0.0	0
6900 RESEARCH ON RSCH MGMT	3	1.0	213,247	213,247	0.0	0
TOTAL		713.2	126,720,663	138,307,564	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
102 SOIL PLNT WTR NUTRI	23	20.5	2,422,963	2,665,423	0.0	0
104 ALTERN USE OF LAND	3	1.0	209,859	270,410	0.0	0
105 CONSERV USE OF WATER	1	0.8	183,019	219,350	0.0	0
107 WATERSHED PROT & MGMT	50	44.4	7,703,474	8,514,856	0.0	0
109 WEATHER ADAPT & MOD	3	1.9	205,236	206,025	0.0	0
110 APPRAIS FORST & RANGS	30	46.7	12,918,797	13,809,702	0.0	0
111 BIOL CULT MGMT FORSTS	139	152.4	21,845,579	23,859,015	0.0	0
112 IMPROV RANGE RESOR	17	9.8	1,479,170	1,686,331	0.0	0
113 REMOTE SENSING	1	0.0	321,733	321,733	0.0	0
114 RSCH ON MGMT OF RSCH	3	1.0	213,247	213,247	0.0	0
SUBTOTAL		278.5	47,503,075	51,766,093	0.0	0
SERIES 200						
201 CNTRL FORST INSECTS	64	70.9	13,062,977	13,194,780	0.0	0
202 CONTROL FOREST DIS	52	42.2	8,297,655	8,861,702	0.0	0
203 FOREST FIRE PROTECT	31	35.9	5,834,499	6,358,200	0.0	0
207 CNTR PESTS FLD CROPS	1	0.0	2,371	41,124	0.0	0
208 CNTR DIS FIELD CROPS	2	0.8	92,480	140,921	0.0	0
214 PROTECT FROM POLLUTION	7	12.3	4,598,167	4,631,639	0.0	0
SUBTOTAL		162.2	31,888,149	33,228,366	0.0	0
SERIES 300						
301 GENET BREED FOREST TRE	26	23.8	4,248,099	4,948,310	0.0	0
302 IMP FOREST ENG SYS	15	20.2	2,776,691	2,916,953	0.0	0
303 ECON TIMBER PRODUCTN	21	14.8	1,824,608	2,245,060	0.0	0
SUBTOTAL		58.7	8,849,398	10,110,323	0.0	0
SERIES 400						
401 NEW IMP FOREST PRCD	69	84.3	16,496,217	18,109,675	0.0	0
SUBTOTAL		84.3	16,496,217	18,109,675	0.0	0
SERIES 500						
502 MKTG TIMBER PRODUCTS	2	0.6	221,745	221,745	0.0	0
509 PERFORMANCE MKTG SYS	1	0.2	18,022	18,022	0.0	0
512 IMP GRADES FRST PROD	6	8.7	742,215	868,612	0.0	0
513 PRICE ANAL FRST PROD	13	18.2	2,606,984	2,803,263	0.0	0
SUBTOTAL		27.7	3,588,966	3,911,642	0.0	0
SERIES 800						
801 RURAL HOUSING	4	5.0	873,823	909,358	0.0	0
SUBTOTAL		5.0	873,823	909,358	0.0	0
SERIES 900						
901 ALLEV POLLUTION	26	14.3	3,999,194	4,318,494	0.0	0
902 OUTDOOR RECREATION	16	17.8	2,306,285	2,599,057	0.0	0
903 MULTI USE FOREST POTEN	17	15.5	1,603,644	2,327,213	0.0	0
904 WLDLFE AND FISH ECOL	55	47.9	9,456,154	10,871,584	0.0	0
905 TREES BEAUTIFICATION	3	1.1	155,758	155,758	0.0	0
SUBTOTAL		96.7	17,521,035	20,272,107	0.0	0
SCIENCE IN SERV OF MAN.						
GRAND TOTAL		713.2	126,720,663	138,307,564	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- HUMAN NUTRITION INFORMATION SERVICE HNIS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	3	0.0	13,882	13,882	0.0	0
0900 CITRUS SUB TROP FRUT	2	0.0	13,280	13,280	0.0	0
1000 FRUIT NUTS DECIDUCUS	1	0.0	11,360	11,360	0.0	0
1100 POTATOES	1	0.0	5,680	5,680	0.0	0
1200 VEGETABLES	4	0.0	36,962	36,962	0.0	0
1400 CORN	2	0.0	11,550	11,550	0.0	0
1600 RICE	2	0.0	7,045	7,045	0.0	0
1700 WHEAT	5	0.0	65,503	65,503	0.0	0
1800 OTHER SMALL GRAINS	2	0.0	23,291	23,291	0.0	0
2900 POULTRY	3	0.0	26,400	26,400	0.0	0
3100 DAIRY CATTLE	2	0.0	20,565	20,565	0.0	0
3200 SWINE	1	0.0	1,365	1,365	0.0	0
3800 FOOD	22	13.1	5,866,031	5,866,031	0.0	0
4000 PEOPLE AS INDIVIDUALS	9	1.6	2,387,840	2,387,840	0.0	0
4100 FAMILY MEMBERS	3	4.0	1,023,390	1,023,390	0.0	0
6700 PLANTS	3	0.0	24,462	24,462	0.0	0
6800 ANIMALS (VERTEBRATES)	3	0.0	13,712	13,712	0.0	0
TOTAL		18.7	9,552,316	9,552,316	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- HUMAN NUTRITION INFORMATION SERVICE HNIS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 700						
703 FOOD CONSUMP HABITS	17	11.7	6,782,206	6,782,206	0.0	0
706 HUMAN NUTRITION	19	6.9	2,733,416	2,733,416	0.0	0
SUBTOTAL		18.5	9,515,622	9,515,622	0.0	0
SERIES 800						
802 INDIV & FAM DEC MAKING	1	0.2	36,694	36,694	0.0	0
SUBTOTAL		0.2	36,694	36,694	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL		18.7	9,552,316	9,552,316	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- OFFICE OF INTERNATIONAL COOP & DEVELOPMENT OICD

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA SYS 1987	COM/GT/CA	WITH SAES AMOUNT 1987
3200 SWINE	1	0.0	10,000	10,000	0.0		0
TOTAL		0.0	10,000	10,000	0.0		0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- OFFICE OF INTERNATIONAL COOP & DEVELOPMENT OICD

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA SYS 1987	COM/GT/CA	WITH SAES AMOUNT 1987
SERIES 200							
211 CONTR DIS ANIMALS	1	0.0	10,000	10,000	0.0		0
SUBTOTAL		0.0	10,000	10,000	0.0		0
SCIENCE IN SERV OF MAN							
GRAND TOTAL		0.0	10,000	10,000	0.0		0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SMALL BUSINESS INNOVATIVE RESEARCH GRANTS SBIR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SABS AMOUNT 1987
0200 WATER	1	0.0	196,824	196,824	0.0	0
0300 WATERSHEDS RIVER BAS	1	0.0	217,932	217,932	0.0	0
0600 TIMBER FORST PRODUCT	1	0.0	217,000	217,000	0.0	0
1200 VEGETABLES	1	0.0	210,000	210,000	0.0	0
2800 MISC NEW CROPS	3	0.0	571,957	571,957	0.0	0
2900 POULTRY	1	0.0	180,000	180,000	0.0	0
3000 BEEF CATTLE	1	0.0	190,000	190,000	0.0	0
6600 MICROORGANISMS VIRUSES	1	0.0	200,000	200,000	0.0	0
TOTAL		0.0	1,983,713	1,983,713	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- SMALL BUSINESS INNOVATIVE RESEARCH GRANTS SBIR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SABS AMOUNT 1987
SERIES 100						
103 MGMT OF SALINE SOILS	1	0.0	196,824	196,824	0.0	0
SUBTOTAL		0.0	196,824	196,824	0.0	0
SERIES 200						
201 CNTRL FORST INSECTS	1	0.0	217,000	217,000	0.0	0
204 CNTR PESTS FRT & VEGS	1	0.0	210,000	210,000	0.0	0
205 CNTR DISE FRT & VEG	1	0.0	210,000	210,000	0.0	0
SUBTOTAL		0.0	637,000	637,000	0.0	0
SERIES 300						
302 IMP FOREST ENG SYS	1	0.0	217,932	217,932	0.0	0
305 MECH PROD FRT & VEGS	1	0.0	131,957	131,957	0.0	0
311 IMP BIO EFF ANML PR	2	0.0	275,000	275,000	0.0	0
312 ENV STRESS IN ANML PR	1	0.0	95,000	95,000	0.0	0
SUBTOTAL		0.0	719,889	719,889	0.0	0
SERIES 400						
402 PROD F & V IMP ACCEPT	1	0.0	230,000	230,000	0.0	0
SUBTOTAL		0.0	230,000	230,000	0.0	0
SERIES 700						
702 FOOD PROT FROM TOX	1	0.0	200,000	200,000	0.0	0
SUBTOTAL		0.0	200,000	200,000	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL		0.0	1,983,713	1,983,713	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NATIONAL TOTAL SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	1206	354.4	7,756,347	65,184,159	*	3,961,471
0200 WATER	714	202.5	3,351,577	34,390,623	*	1,628,309
0300 WATERSHEDS RIVER BAS	152	40.7	948,757	6,114,727	*	310,426
0400 AIR AND CLIMATE	134	44.1	803,536	7,236,972	*	216,462
0500 RECREATION RESOURCES	125	34.0	638,572	4,695,432	*	224,788
0600 TIMBER FORST PRODUCT	1461	534.3	13,083,893	91,476,030	*	10,416,672
0700 RANGE	281	112.5	1,874,476	16,369,410	*	594,359
0800 WILDLIFE AND FISH	754	251.9	4,381,169	50,026,861	*	2,550,728
0900 CITRUS SUB TROP FRUT	273	114.0	1,286,895	18,789,535	*	1,554,918
1000 FRUIT NUTS DECIDUOUS	994	346.4	8,670,325	62,529,961	*	2,660,154
1100 POTATOES	331	94.2	2,249,700	17,460,557	*	2,461,997
1200 VEGETABLES	1368	453.6	12,295,797	75,692,136	*	3,121,143
1300 ORNAMENTALS TURF	558	206.6	4,891,750	33,607,325	*	358,758
1400 CORN	948	209.1	6,145,369	40,876,390	*	1,785,338
1500 GRAIN SORGHUM	322	65.0	1,030,723	12,616,594	*	240,380
1600 RICE	148	51.5	668,103	10,292,360	*	387,984
1700 WHEAT	714	207.4	3,419,839	33,476,689	*	2,334,697
1800 OTHER SMALL GRAINS	399	91.4	2,504,095	16,270,841	*	710,433
1900 PASTURE	130	27.9	1,050,882	4,784,804	*	200,918
2000 FORAGE CROPS	874	230.0	6,906,083	39,451,723	*	1,862,083
2100 COTTON	336	104.3	2,108,179	18,257,103	*	483,347
2200 COTTONSEED	8	1.0	16,807	207,360	*	4,011
2300 SOYBEANS	888	228.8	7,118,798	40,708,236	*	1,832,583
2400 PEANUTS	136	44.1	635,353	8,166,164	*	71,569
2500 OTHER OILSEED CROPS	128	30.9	592,668	5,176,507	*	454,232
2600 TOBACCO	152	55.2	1,196,638	12,207,705	*	55,887
2700 SUGAR CROPS	127	41.2	1,179,738	6,838,688	*	176,043
2800 MISC NEW CROPS	168	39.6	997,142	7,281,979	*	736,986
2900 POULTRY	726	256.8	7,995,304	52,100,671	*	1,478,259
3000 BEEF CATTLE	1429	470.0	13,266,577	111,756,966	*	5,936,634
3100 DAIRY CATTLE	1262	354.3	11,502,166	85,166,837	*	3,011,921
3200 SWINE	736	209.2	7,061,933	48,948,581	*	2,565,156
3300 SHEEP AND WOOL	377	100.6	2,481,931	21,408,156	*	1,520,213
3400 OTHER ANIMALS	618	210.5	4,954,552	41,485,839	*	647,135
3500 BEES AND HONEY	34	10.7	135,254	1,958,802	*	102,789
3600 FARM SUPP & FACILITS	88	29.6	640,133	5,001,427	*	218,487
3700 CLOTHING & TEXTILES	88	20.8	758,430	2,828,831	*	48,858
3800 FOOD	436	160.4	4,791,085	29,379,431	*	1,518,298
3900 HOUSING & EQUIP	164	44.4	1,352,451	6,729,583	*	133,803
4000 PEOPLE AS INDIVIDUALS	562	169.3	4,806,249	24,975,863	*	553,548
4100 FAMILY MEMBERS	266	71.0	2,144,761	9,132,855	*	132,010
4200 FARM AS BUSINESS	219	88.1	2,158,654	10,033,923	*	377,019
4300 SOC POLIT ORGANIZ	361	120.1	4,042,223	16,458,018	*	721,549
4400 AGRIC ECONOMY U S	147	49.0	1,058,354	7,454,352	*	526,022
4500 AGRIC ECONOMY FORGN	34	27.5	113,347	6,235,187	*	213,493
4600 FARM COOPERATIVES	28	6.7	98,147	853,482	*	82,287
4700 OTH MARKET PROCESS	34	5.3	181,218	622,054	*	13,621
4800 MARKETING SYSTEMS	90	30.0	819,580	3,755,631	*	223,352
6100 NEEDS	129	30.3	743,250	5,809,337	*	279,402
6200 SEED RESEARCH	60	27.2	342,211	4,995,287	*	51,292
6300 BIO CELL SYSTEMS	300	120.9	1,751,981	24,929,678	*	549,286
6400 EXP DESIGN/STAT METHOD	110	42.6	354,509	6,520,935	*	873,416
6500 INVERTEBRATES	466	157.2	3,254,592	25,125,802	*	2,655,460
6600 MICROORGANISMS VIRUSES	537	151.1	3,479,988	31,794,575	*	4,154,916
6700 PLANTS	883	303.5	6,255,300	57,000,244	*	6,504,677
6800 ANIMALS (VERTEBRATES)	518	235.6	2,805,899	46,393,223	*	1,101,985
6900 RESEARCH ON RSCH MGMT	55	58.1	854,340	9,637,527	*	168,036
7000 RSCH EQUIP & TECHNOLOGY	157	43.9	884,578	8,207,691	*	445,845
9900 UNCLASSIFIED	2	0.0	19,028	1,913,718	*	0
TOTAL		7820.9	188,911,239	1,448,801,376	*	78,205,448

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
101 APPRAIS OF SOIL RESOR	239	74.9	1,394,567	14,348,104	*	825,838
102 SOIL PLNT WTR NUTRI	894	289.8	6,613,972	51,797,290	*	2,755,405
103 MGMT OF SALINE SOILS	81	18.0	308,158	3,982,317	*	47,401
104 ALTERN USE OF LAND	153	33.9	804,074	5,152,423	*	430,392
105 CONSERV USE OF WATER	339	97.5	1,988,956	15,188,155	*	588,857
106 DRAIN AND IRRIGATION	150	55.3	870,334	9,104,043	*	404,429
107 WATERSHED PROT & MGMT	168	51.6	1,130,062	9,006,578	*	958,771
108 ECON LPG PROB OF WAT	72	21.0	273,375	2,738,302	*	130,375
109 WEATHER ADAPT & MOD	164	55.1	1,109,460	8,399,052	*	374,553
110 APPRAIS FORST & RANGS	143	40.8	878,454	5,893,110	*	124,712
111 BIOL CULT MGMT FORSTS	414	149.6	3,462,836	25,772,422	*	3,046,687
112 IMPROV RANGE RESOR	195	67.2	1,206,942	10,350,925	*	335,056
113 REMOTE SENSING	77	16.9	365,005	3,197,337	*	70,912
114 RSCH ON MGMT OF RSCH	55	58.1	854,340	9,637,527	*	168,036
SUBTOTAL		1029.6	21,260,535	174,567,585	*	10,261,425
SERIES 200						
201 CNTRL FORST INSECTS	182	44.2	1,690,387	7,804,887	*	1,431,956
202 CONTROL FOREST DIS	140	34.2	1,186,433	5,168,633	*	514,187
203 FOREST FIRE PROTECT	16	3.9	56,379	534,648	*	33,481
204 CNTR PESTS FRT & VEGS	484	140.2	3,199,755	25,059,623	*	1,554,793
205 CNTR DISE FRT & VEG	735	237.9	4,855,918	40,623,705	*	3,189,737
206 CNTR WEEDS FRT & VEG	172	37.0	1,114,622	6,838,673	*	228,413
207 CNTR PESTS FLD CROPS	652	206.8	5,342,226	34,165,974	*	2,626,561
208 CNTR DIS FIELD CROPS	719	225.6	4,876,609	38,841,350	*	2,392,714
209 CNTR WEEDS FLD CROPS	339	115.2	2,927,417	21,695,317	*	878,302
210 CONTR PESTS ANIMALS	162	41.9	1,223,478	6,602,273	*	358,103
211 CONTR DIS ANIMALS	1330	556.7	9,157,421	109,830,847	*	6,509,035
212 CNTR INTER PARASITES	121	36.6	949,863	6,253,046	*	298,847
213 PROT ANMLS FROM TOXINS	142	81.0	965,259	15,895,748	*	262,045
214 PROTECT FROM POLLUTION	235	88.2	1,738,205	19,282,123	*	2,001,569
SUBTOTAL		1849.3	39,283,973	338,596,848	*	22,279,744
SERIES 300						
301 GENET BREED FORST TRE	115	45.1	1,124,166	8,303,036	*	421,726
302 IMP FOREST ENG SYS	53	19.4	670,590	3,307,896	*	674,342
303 ECON TIMBER PRODUCTN	77	22.4	571,364	4,183,528	*	237,546
304 IMP BIO EFF FRT & VEGS	1027	353.2	9,297,710	63,644,181	*	3,162,155
305 MECH PROD FRT & VEGS	92	22.2	773,909	4,415,844	*	36,241
306 PROD MGMT SYS F & V	120	23.2	527,713	4,162,941	*	298,366
307 IMP BIO EFF FLD CRP	1396	555.3	13,977,665	106,289,719	*	4,441,089
308 MECH PROD FIELD CROPS	100	29.7	715,288	4,771,883	*	124,557
309 PROD MGMT SYS FLD CRP	376	91.0	1,991,392	14,792,066	*	444,338
310 ANIMAL REPRODUCTION	578	207.4	7,061,110	53,277,871	*	3,607,848
311 IMP BIO EFF ANML PR	1241	482.0	18,244,743	128,058,734	*	3,226,093
312 ENV STRESS IN ANML PR	196	56.7	1,904,854	11,165,773	*	44,228
313 PROD MGMT SYS ANML PR	294	64.6	2,015,094	15,389,912	*	188,806
314 BEES OTH POLLNTNG INS	34	10.7	135,254	1,958,802	*	102,789
315 IMP STRUC FARM SUPP	105	40.2	894,325	6,619,699	*	151,825
316 FARM BUSINESS MGMT	165	67.2	1,684,259	7,644,051	*	334,303
317 MECH/STRUCTS ANML PRD	34	6.4	156,148	1,308,847	*	0
318 NON CON BIO TECH/BIMET	1537	580.7	10,789,457	113,828,363	*	8,847,926
SUBTOTAL		2677.5	72,535,043	553,123,145	*	26,344,179
SERIES 400						
401 NEW IMP FOREST PROD	223	107.7	1,891,915	18,285,103	*	2,628,632
402 PROD F & V IMP ACCEPT	279	54.2	1,230,086	10,265,704	*	625,732
403 NEW & IMP F & V PROD	173	53.5	1,150,470	8,971,180	*	151,229
404 MKT QUAL FRTS & VEGS	167	57.9	1,513,630	9,390,210	*	195,624
405 PROD FLD CROP IMP ACPT	270	99.3	2,036,652	18,310,021	*	812,654
406 NEW IMP FOOD FLD CROP	120	41.9	991,194	7,329,257	*	85,014
407 NEW IMP NON FOOD FC	78	29.1	544,413	4,802,057	*	291,354
408 MKT QUAL FIELD CROPS	82	23.7	645,257	3,831,852	*	8,856
409 PROD ANML PR IMP ACCP	157	44.1	1,541,647	10,228,562	*	515,955
410 IMP MEAT MILK EGG PR	244	84.9	2,441,977	15,326,578	*	270,576
411 IMP NON FOOD ANML PR	18	3.7	112,616	613,620	*	1,061
412 MKT QUAL ANIMAL PROD	85	20.3	615,989	3,811,005	*	2,648
SUBTOTAL		620.2	14,715,846	111,165,149	*	5,589,335
SERIES 500						
501 IMP GRADES & STANDS	44	10.0	344,877	1,609,059	*	132,139
502 MKTG TIMBER PRODUCTS	41	8.9	198,687	1,206,026	*	295,803
503 MKTG EFF AGRI PRODS	149	42.7	935,762	5,659,593	*	285,725
506 SPLY DEMAND AND PBIC	188	60.1	1,529,470	8,034,519	*	474,340
507 COMP REL IN AGRIC	47	11.3	323,067	1,428,704	*	131,237
508 DOMESTIC MKT DEVELP	52	12.5	330,380	1,623,361	*	42,785
509 PERFORMANCE MKTG SYS	151	50.8	1,483,924	6,976,891	*	477,278
510 GROUP ACT MKT POWER	23	5.5	94,270	759,115	*	99,396
511 IMP AGRIC STATISTICS	32	9.8	158,248	1,854,968	*	768,466
512 IMP GRADES FRST PROD	16	2.8	28,050	555,380	*	75,988
513 PRICE ANAL FRST PROD	25	5.1	167,162	737,554	*	165,193
SUBTOTAL		219.5	5,593,898	30,445,170	*	2,948,350
SERIES 600						
601 FGN MKT DEVELP	75	35.2	430,265	6,636,600	*	446,923
602 EVAL FGN FOOD AID PGM	3	0.7	5,367	92,745	*	31,521
603 TECH AID DEV CRTY	55	34.3	73,788	10,177,796	*	290,198
604 PRD DVLPMT/MKTG PRGM	28	9.3	120,359	1,424,195	*	60,013
SUBTOTAL		79.6	629,778	18,331,336	*	828,656
SERIES 700						
701 TOX RES IN FOOD	133	53.8	1,342,550	9,303,388	*	2,028,956
702 FOOD PROT FROM TOX	178	68.7	1,835,508	13,291,424	*	230,397
703 FOOD CONSUMP HABITS	122	35.0	1,215,186	4,345,393	*	205,524
704 HOME CONS FOOD SERV	40	8.2	401,153	1,295,601	*	0
705 SEL CARE CLOTH & TEXTL	73	16.2	610,247	2,080,573	*	22,294
706 CONTR INSECTS AFF MAN	107	37.0	756,985	5,707,322	*	84,253
707 TRANS ANIML MAN DIS	38	15.1	130,742	2,789,328	*	103,342
708 HUMAN NUTRITION	392	136.1	4,280,775	25,484,351	*	1,443,895
709 REDUCE HAZ HLTH & SFTY	66	10.3	232,318	1,957,062	*	14,416
SUBTOTAL		380.4	10,805,463	66,254,442	*	4,133,078

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 800						
801 RURAL HOUSING	62	12.7	617,186	1,580,704	*	899
802 INDIV & FAM DEC MAKING	201	49.0	1,316,335	5,516,130	*	31,678
803 RURAL POVERTY	27	5.9	244,197	627,382	*	29,914
804 ECON POTENT RURL PEO	85	23.3	1,371,334	2,643,647	*	21,445
805 COMMUNICAT EDUC PROC	106	35.4	744,102	4,582,065	*	56,741
806 ADJUSTMENT TO CHANGE	198	57.3	1,982,293	7,161,478	*	95,624
807 AGRIC ECONOMIC CHANGE	164	51.9	1,302,811	6,988,861	*	234,271
808 GOVT PROGRAMS	56	18.7	500,921	2,785,185	*	93,283
SUBTOTAL		254.3	8,079,178	31,885,452	*	563,855
SERIES 900						
901 ALLEV POLLUTION	456	153.7	3,385,986	27,080,051	*	1,723,003
902 OUTDOOR RECREATION	121	34.2	628,152	4,497,270	*	273,752
903 MULTI USE FOREST POTEN	96	16.5	456,734	2,748,582	*	73,046
904 WLDLFE AND FISH ECOL	640	211.9	3,749,951	43,648,786	*	2,146,678
905 TREES BEAUTIFICATION	89	19.3	413,906	3,009,375	*	88,216
906 ORNAMENT & TURF DEV	529	194.5	4,577,409	31,801,318	*	315,212
907 RURAL INCOME IMP	104	35.8	1,044,652	4,041,008	*	201,852
908 RURAL INSTITUT IMP	160	44.6	1,731,704	5,692,143	*	435,066
990 UNCLASSIFIED	2	0.0	19,028	1,913,718	*	0
SUBTOTAL		710.5	16,007,524	124,432,250	*	5,256,826
SCIENCE IN SERV OF MAN GRAND TOTAL		7820.9	188,911,239	1,448,801,376	*	78,205,448

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	1132	340.5	7,149,082	63,233,983	*	3,831,300
0200 WATER	686	196.1	3,088,892	33,358,092	*	1,572,645
0300 WATERSHEDS RIVER BAS	124	35.0	786,780	5,295,544	*	306,420
0400 AIR AND CLIMATE	121	42.5	720,925	6,875,833	*	195,895
0500 RECREATION RESOURCES	90	26.8	494,943	3,919,428	*	191,237
0600 TIMBER FORST PRODUCT	997	370.9	9,416,157	65,617,233	*	7,424,294
0700 RANGE	270	107.0	1,731,615	15,855,301	*	589,314
0800 WILDLIFE AND FISH	623	214.8	2,742,353	44,288,833	*	2,257,905
0900 CITRUS SUB TROP FRUT	271	113.7	1,212,901	18,715,541	*	1,554,918
1000 FRUIT NUTS DECIDUOUS	984	343.5	8,289,159	62,136,435	*	2,660,154
1100 POTATOES	329	93.6	2,144,720	17,355,051	*	2,461,997
1200 VEGETABLES	1329	428.8	9,435,893	72,817,802	*	3,121,143
1300 ORNAMENTALS TURF	555	204.9	4,770,850	33,482,257	*	358,758
1400 CORN	930	207.5	5,479,569	40,000,508	*	1,785,328
1500 GRAIN SORGHUM	317	64.3	994,203	12,516,293	*	212,613
1600 RICE	148	51.5	668,103	10,292,360	*	387,984
1700 WHEAT	708	206.7	3,291,525	33,346,997	*	2,334,697
1800 OTHER SMALL GRAINS	390	89.0	1,828,711	15,584,352	*	710,433
1900 PASTURE	129	27.6	993,020	4,726,941	*	200,918
2000 FORAGE CROPS	859	225.9	6,578,162	39,060,301	*	1,828,785
2100 COTTON	333	104.0	2,090,609	18,239,532	*	483,347
2200 COTTONSEED	8	1.0	16,807	207,360	*	4,011
2300 SOYBEANS	857	209.8	4,841,871	38,370,246	*	1,832,583
2400 PEANUTS	133	41.6	554,306	7,972,508	*	71,569
2500 OTHER OILSEED CROPS	124	30.3	481,355	5,059,321	*	454,232
2600 TOBACCO	151	55.0	1,154,138	12,096,205	*	55,887
2700 SUGAR CROPS	125	40.9	1,123,659	6,779,763	*	176,043
2800 MISC NEW CROPS	166	39.6	996,414	7,280,475	*	736,986
2900 POULTRY	643	223.1	6,886,739	45,832,171	*	1,146,523
3000 BEEF CATTLE	1243	388.7	11,443,634	95,113,634	*	5,153,404
3100 DAIRY CATTLE	1077	304.5	10,257,663	75,491,455	*	2,638,982
3200 SWINE	591	172.3	5,763,912	41,917,865	*	2,002,035
3300 SHEEP AND WOOL	330	77.4	2,213,511	16,997,632	*	1,189,370
3400 OTHER ANIMALS	335	88.8	2,191,049	18,032,734	*	510,321
3500 BEES AND HONEY	33	10.5	107,228	1,930,776	*	102,789
3600 FARM SUPP & FACILITS	87	29.6	622,546	4,983,840	*	218,487
3700 CLOTHING & TEXTILES	76	17.3	408,785	2,477,897	*	48,858
3800 FOOD	416	152.4	3,875,323	28,461,186	*	1,518,298
3900 HOUSING & EQUIP	155	42.1	1,135,456	6,488,173	*	133,803
4000 PEOPLE AS INDIVIDUALS	510	144.1	2,551,241	21,639,813	*	552,766
4100 FAMILY MEMBERS	248	62.9	1,345,856	8,254,987	*	132,010
4200 FARM AS BUSINESS	211	83.5	1,705,311	9,574,973	*	377,019
4300 SOC POLIT ORGANIZ	335	108.9	2,828,879	15,159,136	*	721,549
4400 AGRIC ECONOMY U S	144	48.7	1,037,826	7,414,877	*	526,022
4500 AGRIC ECONOMY FORGN	34	27.5	113,347	6,235,187	*	213,493
4600 FARM COOPERATIVES	28	6.7	98,147	853,482	*	82,287
4700 OTH MARKET PROCESS	31	4.2	86,333	527,169	*	13,621
4800 MARKETING SYSTEMS	86	27.3	585,724	3,521,353	*	223,352
6100 WEEDS	126	30.0	712,739	5,760,053	*	269,928
6200 SEED RESEARCH	59	26.9	290,211	4,914,634	*	51,292
6300 BIO CELL SYSTEMS	284	115.9	1,412,377	23,793,664	*	516,100
6400 EXP DESIGN/STAT METHOD	108	42.2	313,118	6,477,111	*	873,416
6500 INVERTEBRATES	439	151.5	2,408,842	23,925,641	*	2,597,871
6600 MICROORGANISMS VIRUSES	481	141.4	2,360,693	29,429,647	*	4,000,822
6700 PLANTS	830	288.0	4,143,178	53,912,159	*	6,467,984
6800 ANIMALS(VERTEBRATES)	393	131.6	2,319,390	27,029,499	*	997,864
6900 RESEARCH ON RSCH MGMT	54	57.8	831,063	9,595,938	*	168,036
7000 RSCH EQUIP & TECHNOLOGY	135	39.1	628,892	7,635,399	*	402,171
9900 UNCLASSIFIED	2	0.0	19,028	1,913,718	*	0
TOTAL		6957.5	153,774,766	1,299,780,296	*	71,651,870

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
101 APPRAIS OF SOIL RESOR	225	73.0	1,338,468	13,912,753	*	781,830
102 SOIL PLNT WTR NUTRI	828	271.6	5,843,075	48,709,533	*	2,582,279
103 MGMT OF SALINE SOILS	81	18.0	308,158	3,982,317	*	47,401
104 ALTERN USE OF LAND	143	32.0	596,865	4,833,076	*	419,832
105 CONSERV USE OF WATER	330	93.4	1,745,216	14,919,804	*	588,857
106 DRAIN AND IRRIGATION	150	55.3	870,334	9,104,043	*	404,429
107 WATERSHED PROT & MGMT	150	46.3	1,009,388	8,318,606	*	925,827
108 ECON LEG PROB OF WAT	70	20.2	273,375	2,641,423	*	130,375
109 WEATHER ADAPT & MOD	147	52.5	959,783	8,039,431	*	368,471
110 APPRAIS FORST & RANGS	114	35.1	707,302	5,161,447	*	112,119
111 BIOL CULT MGMT FORSTS	281	99.3	2,508,819	17,856,471	*	1,949,880
112 IMPROV RANGE RESOR	186	62.2	1,136,938	9,926,522	*	330,011
113 REMOTE SENSING	63	14.2	268,772	2,841,878	*	60,353
114 RSCH ON MGMT OF RSCH	54	57.8	831,063	9,595,938	*	168,036
SUBTOTAL		930.8	18,397,557	159,843,242	*	8,869,701
SERIES 200						
201 CNTRL FORST INSECTS	146	38.3	1,242,473	6,496,476	*	1,325,841
202 CONTROL FOREST DIS	105	27.0	937,950	4,170,540	*	337,812
203 FOREST FIRE PROTECT	8	2.7	51,939	355,682	*	2,323
204 CNTR PESTS FRT & VEGS	479	138.6	3,058,286	24,918,154	*	1,554,793
205 CNTR DISE FRT & VEG	726	236.5	4,589,708	40,357,496	*	3,189,737
206 CNTR WEEDS FRT & VEG	165	35.8	916,667	6,636,711	*	228,413
207 CNTR PESTS FLD CRCPS	640	201.1	4,690,684	33,459,235	*	2,626,561
208 CNTR DIS FIELD CRCPS	716	224.8	4,745,680	38,704,523	*	2,392,714
209 CNTR WEEDS FLD CROPS	334	114.7	2,822,331	21,549,782	*	877,184
210 CONTR PESTS ANIMALS	159	41.8	1,204,202	6,582,028	*	358,103
211 CONTR DIS ANIMALS	801	271.8	6,710,614	55,792,960	*	4,501,751
212 CNTR INTER PARASITES	96	32.0	867,181	5,487,654	*	205,247
213 PROT ANMLS FROM TOXINS	109	34.1	829,241	6,373,482	*	190,980
214 PROTECT FROM POLLUTION	202	62.6	1,450,683	13,782,837	*	1,981,109
SUBTOTAL		1461.9	34,117,641	264,667,560	*	19,772,568
SERIES 300						
301 GENET BREED FORST TRE	83	32.5	784,873	5,986,884	*	260,795
302 IMP FOREST ENG SYS	35	10.8	237,558	1,875,887	*	335,563
303 ECON TIMBER PRODUCTN	59	17.6	537,200	3,484,379	*	136,935
304 IMP BIO EFF FRT & VEGS	992	336.8	7,312,825	61,651,075	*	3,162,155
305 MECH PROD FRT & VEGS	92	22.2	773,909	4,415,844	*	36,241
306 PROD MGMT SYS F & V	118	23.0	464,083	4,099,057	*	298,366
307 IMP BIO EFF FLD CRP	1346	541.4	11,148,240	103,099,519	*	4,441,079
308 MECH PROD FIELD CROPS	100	29.7	715,288	4,771,883	*	124,557
309 PROD MGMT SYS FLD CRP	371	90.2	1,935,143	14,668,023	*	388,804
310 ANIMAL REPRODUCTION	513	179.4	5,956,726	47,577,278	*	3,401,675
311 IMP BIO EFF ANML PR	1115	439.3	14,741,561	120,216,747	*	3,027,734
312 ENV STRESS IN ANML PR	179	50.1	1,558,362	9,915,695	*	44,228
313 PROD MGMT SYS ANML PR	289	63.9	1,975,440	15,273,811	*	188,692
314 BEES OTH POLLTNG INS	33	10.5	107,228	1,930,776	*	102,789
315 IMP STRUC FARM SUPP	104	40.2	876,738	6,602,112	*	151,825
316 FARM BUSINESS MGMT	158	63.1	1,313,858	7,272,685	*	334,303
317 MECH/STRUCTS ANML PRD	34	6.4	156,148	1,308,847	*	0
318 NON COM BIO TECH/BIMET	1407	539.2	6,928,786	105,582,711	*	8,672,176
SUBTOTAL		2496.4	57,523,967	519,733,215	*	25,107,918
SERIES 400						
401 NEW IMP FOREST PRCD	143	67.3	1,114,588	12,269,671	*	1,983,960
402 PROD F & V IMP ACCEPT	275	51.6	948,294	9,983,912	*	625,732
403 NEW & IMP F & V PROD	168	52.2	978,973	8,791,378	*	151,229
404 MKT QUAL FRTS & VEGS	166	57.3	1,466,626	9,343,206	*	195,624
405 PROD FLD CROP IMP ACPT	265	96.6	1,849,894	18,123,263	*	812,654
406 NEW IMP FOOD FLD CROP	116	40.6	863,390	7,183,029	*	85,014
407 NEW IMP NON FOOD FC	77	29.0	535,313	4,792,957	*	291,354
408 MKT QUAL FIELD CRCPS	80	23.2	618,677	3,799,274	*	8,856
409 PROD ANML PR IMP ACCP	143	42.2	1,356,983	9,739,212	*	496,596
410 IMP MEAT MILK EGG PR	237	81.8	2,167,618	15,003,327	*	264,325
411 IMP NON FOOD ANML PR	16	3.0	70,900	571,729	*	1,061
412 MKT QUAL ANIMAL PROD	81	19.7	560,888	3,653,703	*	2,648
SUBTOTAL		564.5	12,532,146	103,254,661	*	4,919,052
SERIES 500						
501 IMP GRADES & STANDS	44	10.0	344,877	1,609,059	*	132,139
502 MKTG TIMBER PRODUCTS	34	6.1	181,038	856,490	*	118,038
503 MKTG EFF AGRI PRODS	147	42.3	914,488	5,604,358	*	285,725
506 SPLY DEMAND AND PRIC	182	59.3	1,495,117	7,981,879	*	474,340
507 COMP REL IN AGRIC	46	10.8	301,870	1,407,506	*	131,237
508 DOMESTIC MKT DEVELP	47	10.9	223,463	1,516,445	*	42,785
509 PERFORMANCE MKTG SYS	147	48.6	1,291,592	6,784,139	*	477,278
510 GROUP ACT MKT POWER	22	5.3	66,877	731,722	*	99,396
511 IMP AGRIC STATISTICS	30	9.4	120,855	1,772,295	*	768,466
512 IMP GRADES FRST PROD	8	1.1	28,050	297,026	*	45,312
513 PRICE ANAL FRST PROD	20	3.8	123,726	634,671	*	165,193
SUBTOTAL		207.7	5,091,954	29,195,591	*	2,739,910
SERIES 600						
601 FGN MKT DEVELP	72	34.6	430,265	6,595,848	*	441,615
602 EVAL FGN FOOD AID PGM	3	0.7	5,367	92,745	*	31,521
603 TECH AID DEV CRTY	50	30.8	73,788	9,555,213	*	290,198
604 PRD DVLPMT/MKTG FRGN	27	9.3	120,359	1,422,873	*	60,013
SUBTOTAL		75.5	629,778	17,666,679	*	823,348
SERIES 700						
701 TOX RES IN FOOD	128	52.1	1,119,650	8,851,335	*	1,887,731
702 FOOD PROT FROM TOX	169	67.3	1,692,286	13,105,556	*	230,397
703 FOOD CONSUMP HABITS	106	30.8	716,736	3,832,997	*	205,524
704 HOME COMM FOOD SERV	38	7.9	346,529	1,240,978	*	0
705 SEL CARE CLOTH & TEXTL	61	12.7	260,601	1,729,639	*	22,294
706 CONTR INSECTS AFF MAN	107	37.0	756,985	5,707,322	*	84,253
707 TRANS ANIML MAN DIS	26	10.9	57,778	1,687,547	*	102,560
708 HUMAN NUTRITION	361	122.6	2,640,143	23,758,068	*	1,443,895
709 REDUCE HAZ HLTH & SFTY	63	9.4	232,318	1,865,719	*	14,416
SUBTOTAL		350.8	7,823,027	61,779,160	*	3,991,071

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 800						
801 RURAL HOUSING	49	9.5	233,637	1,196,097	*	899
802 INDIV & FAM DEC MAKING	185	42.5	682,231	4,879,779	*	31,678
803 RURAL POVERTY	22	4.1	80,604	458,989	*	29,914
804 ECON POTENT RURL PEO	68	14.1	341,958	1,566,264	*	21,445
805 COMMUNICAT EDUC PROC	96	32.1	310,041	4,140,189	*	56,741
806 ADJUSTMENT TO CHANGE	186	51.7	1,343,148	6,519,080	*	95,624
807 AGRIC ECONOMIC CHANGE	158	49.5	1,042,575	6,718,084	*	234,271
808 GOVT PROGRAMS	55	18.6	497,798	2,773,572	*	93,283
SUBTOTAL		222.0	4,531,993	28,252,054	*	563,855
SERIES 900						
901 ALLEV POLLUTION	421	144.0	3,063,136	25,396,748	*	1,675,985
902 OUTDOOR RECREATION	91	26.9	461,353	3,677,904	*	253,296
903 MULTI USE FOREST POTEN	70	13.4	364,455	2,377,165	*	49,868
904 WLDLFE AND FISH ECOL	521	177.6	2,200,134	38,299,706	*	1,853,855
905 TREES BEAUTIFICATION	83	19.0	324,609	2,894,907	*	79,312
906 ORNAMENT & TURF DEV	526	192.8	4,456,509	31,676,250	*	315,212
907 RURAL INCOME IMP	101	34.6	933,541	3,916,655	*	201,852
908 RURAL INSTITUT IMP	152	39.7	1,303,936	5,235,080	*	435,066
990 UNCLASSIFIED	2	0.0	19,028	1,913,718	*	0
SUBTOTAL		647.9	13,126,703	115,388,134	*	4,864,447
SCIENCE IN SERV OF MAN GRAND TOTAL		6957.5	153,774,766	1,299,780,296	*	71,651,870

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- ALABAMA AUBURN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	12	4.5	167,387	1,334,307	*	50,132
0200 WATER	6	0.9	38,652	238,701	*	10,973
0300 WATERSHEDS RIVER BAS	1	0.1	13,160	45,773	*	0
0500 RECREATION RESOURCES	2	0.6	6,000	37,000	*	0
0600 TIMBER FORST PRODUCT	21	15.0	385,885	2,305,217	*	167,572
0800 WILDLIFE AND FISH	24	11.4	123,168	2,329,144	*	129,637
1000 FRUIT NUTS DECIDUCUS	12	3.5	157,847	787,784	*	2,485
1100 POTATOES	3	0.3	13,148	61,731	*	2,485
1200 VEGETABLES	14	3.8	187,721	656,661	*	8,379
1300 ORNAMENTALS TURF	8	4.2	137,806	725,429	*	0
1400 CORN	10	1.8	127,251	420,417	*	6,700
1500 GRAIN SORGHUM	7	1.0	24,886	200,889	*	6,700
1700 WHEAT	3	0.4	5,910	78,234	*	6,700
1800 OTHER SMALL GRAINS	1	0.1	4,400	8,640	*	0
2000 FORAGE CROPS	8	3.6	118,310	565,137	*	13,894
2100 COTTON	12	2.5	77,737	533,965	*	34,562
2300 SOYBEANS	23	7.9	256,996	1,491,989	*	73,618
2400 PEANUTS	9	2.0	61,567	550,714	*	1,389
2800 MISC NEW CROPS	1	0.1	3,090	35,040	*	0
2900 POULTRY	19	7.4	298,872	1,901,681	*	25,991
3000 BEEF CATTLE	23	6.5	346,938	2,795,385	*	88,220
3100 DAIRY CATTLE	13	4.0	164,191	1,271,975	*	1,691
3200 SWINE	11	4.8	274,367	1,636,521	*	6,968
3300 SHEEP AND WOOL	2	1.0	21,447	133,856	*	0
3400 OTHER ANIMALS	2	0.5	15,975	50,567	*	0
3500 BEES AND HONEY	1	0.4	2,160	58,723	*	0
3600 FARM SUPP & FACILITS	3	1.5	52,595	211,828	*	71,587
3700 CLOTHING & TEXTILES	2	0.7	23,619	75,934	*	0
3800 FOOD	1	0.3	7,325	26,676	*	0
3900 HOUSING & EQUIP	3	2.2	77,862	366,915	*	34,903
4000 PEOPLE AS INDIVIDUALS	4	1.6	57,228	155,204	*	0
4100 FAMILY MEMBERS	2	0.8	9,629	82,600	*	0
4200 FARM AS BUSINESS	6	2.3	80,950	216,380	*	5,219
4300 SOC POLIT ORGANIZ	4	1.0	76,558	121,846	*	0
4400 AGRIC ECONOMY U S	3	0.4	21,450	36,533	*	0
4700 OTH MARKET PROCESS	2	0.5	19,450	67,264	*	12,366
4800 MARKETING SYSTEMS	2	0.1	4,056	7,948	*	0
6100 WEEDS	3	0.7	15,592	87,281	*	0
6200 SEED RESEARCH	1	0.1	7,642	12,136	*	0
6300 BIO CELL SYSTEMS	3	0.3	2,060	76,151	*	0
6400 EXP DESIGN/STAT METHOD	2	0.0	2,117	4,792	*	0
6500 INVERTEBRATES	8	1.7	52,779	236,601	*	114
6600 MICROORGANISMS VIRUSES	9	1.6	41,972	294,340	*	86,437
6700 PLANTS	14	2.7	84,814	341,778	*	13,367
6800 ANIMALS(VERTEBRATES)	4	0.4	22,566	64,415	*	792
7000 RSCH EQUIP & TECHNOLOGY	1	0.0	0	23,812	*	23,812
TOTAL		107.2	3,695,138	22,765,913	*	886,694

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- ALASKA FAIRBANKS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	5	2.3	146,219	617,491	*	0
0200 WATER	1	0.2	4,956	17,255	*	0
0300 WATERSHEDS RIVER BAS	1	0.2	8,386	8,386	*	0
0400 AIR AND CLIMATE	1	0.0	0	7,543	*	0
0500 RECREATION RESOURCES	1	0.8	39,846	98,349	*	0
0600 TIMBER FORST PRODUCT	3	2.1	138,207	728,355	*	0
0700 RANGE	2	0.2	10,332	99,070	*	0
0800 WILDLIFE AND FISH	8	0.5	0	596,106	*	0
1100 POTATOES	1	0.1	6,724	16,814	*	0
1200 VEGETABLES	2	1.1	22,681	231,402	*	5,000
1300 ORNAMENTALS TURF	1	0.1	17,220	35,869	*	0
1700 WHEAT	1	0.1	10,086	25,221	*	0
1800 OTHER SMALL GRAINS	7	2.5	125,357	478,006	*	0
1900 PASTURE	1	0.1	10,332	21,522	*	0
2000 FORAGE CROPS	5	1.0	80,306	164,975	*	0
2500 OTHER OILSEED CROPS	1	0.2	13,448	33,627	*	0
2800 MISC NEW CROPS	1	0.1	8,069	20,176	*	0
3000 BEEF CATTLE	1	0.9	22,434	112,999	*	0
3100 DAIRY CATTLE	4	0.2	267,975	606,686	*	0
3200 SWINE	2	0.7	55,168	140,040	*	0
3400 OTHER ANIMALS	3	0.4	16,851	102,360	*	0
4200 FARM AS BUSINESS	1	0.2	9,502	27,854	*	0
4300 SOC POLIT ORGANIZ	1	0.4	15,203	44,566	*	0
TOTAL		14.7	1,029,302	4,314,673	*	5,000

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- ARIZONA TUCSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	36	9.3	88,079	986,186	*	75,272
0200 WATER	41	12.8	109,548	1,537,898	*	46,459
0300 WATERSHEDS RIVER BAS	9	1.1	14,973	150,166	*	10,320
0400 AIR AND CLIMATE	1	0.1	715	5,030	*	0
0500 RECREATION RESOURCES	7	2.1	22,286	230,788	*	11,159
0600 TIMBER FORST PRODUCT	17	5.6	62,192	619,486	*	12,302
0700 RANGE	18	4.5	41,292	434,603	*	64,619
0800 WILDLIFE AND FISH	7	2.2	23,279	286,211	*	17,973
0900 CITRUS SUB TRCP FRUT	5	3.4	5,144	249,358	*	2,597
1000 FRUIT NUTS DECIDUOUS	11	1.7	21,566	434,238	*	33,664
1100 POTATOES	2	0.1	3,820	38,788	*	4,057
1200 VEGETABLES	22	11.5	90,308	1,344,420	*	38,379
1300 ORNAMENTALS TURF	9	2.6	22,215	436,124	*	6,410
1400 CORN	3	0.1	890	5,845	*	0
1500 GRAIN SORGHUM	3	0.7	19,405	452,664	*	6,762
1700 WHEAT	6	1.6	9,213	296,726	*	30,095
1800 OTHER SMALL GRAINS	7	1.5	30,000	418,132	*	7,786
2000 FORAGE CROPS	19	4.3	69,938	738,596	*	22,906
2100 COTTON	30	15.2	216,854	2,201,567	*	39,084
2200 COTTONSEED	2	0.8	13,119	112,087	*	0
2300 SOYBEANS	1	0.0	351	351	*	0
2800 MISC NEW CROPS	8	1.6	32,727	401,860	*	126,231
2900 POULTRY	4	1.2	15,876	302,243	*	64,838
3000 BEEF CATTLE	20	8.0	147,208	1,269,958	*	64,985
3100 DAIRY CATTLE	25	12.9	166,959	2,013,592	*	0
3200 SWINE	3	3.4	53,339	313,198	*	7,341
3300 SHEEP AND WOOL	7	1.5	19,442	181,222	*	51,356
3400 OTHER ANIMALS	10	3.1	48,875	552,834	*	62,285
3500 BEES AND HONEY	1	0.0	0	13,194	*	5,681
3700 CLOTHING & TEXTILES	2	0.4	5,777	36,650	*	0
3800 FOOD	4	1.6	10,988	301,975	*	0
3900 HOUSING & EQUIP	4	0.5	7,467	81,170	*	803
4000 PEOPLE AS INDIVIDUALS	22	4.4	18,201	580,478	*	5,192
4100 FAMILY MEMBERS	13	4.6	23,957	560,724	*	38
4200 FARM AS BUSINESS	5	1.6	19,238	124,696	*	2,063
4300 SOC POLIT ORGANIZ	7	1.3	9,753	111,056	*	11,625
4400 AGRIC ECONOMY U S	1	0.1	1,540	26,909	*	0
4500 AGRIC ECONOMY FORGN	2	0.7	12,597	75,245	*	1,732
4600 FARM COOPERATIVES	1	0.0	545	4,220	*	0
4700 OTH MARKET PROCESS	1	0.0	545	4,220	*	0
4800 MARKETING SYSTEMS	1	0.1	1,636	12,660	*	0
6300 BIO CELL SYSTEMS	4	1.9	34,314	278,862	*	1,316
6400 EXP DESIGN/STAT METHOD	1	0.6	0	55,414	*	230
6500 INVERTEBRATES	7	8.8	46,725	569,000	*	100,130
6600 MICROORGANISMS VIRUSES	10	2.7	29,755	442,455	*	95,873
6700 PLANTS	12	3.8	91,285	726,903	*	152,503
6800 ANIMALS (VERTEBRATES)	8	7.6	49,803	1,164,067	*	25,276
6900 RESEARCH ON RSCH MGMT	1	0.1	440	6,578	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	0.0	2,564	9,929	*	0
TOTAL		153.8	1,716,744	21,200,576	*	1,209,343

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- ARKANSAS FAYETTEVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	23	6.1	120,853	1,454,691	*	135,781
0200 WATER	16	3.6	38,160	759,036	*	65,973
0300 WATERSHEDS RIVER BAS	6	0.2	7,637	79,947	*	33,027
0400 AIR AND CLIMATE	4	0.2	8,828	69,360	*	21,751
0500 RECREATION RESOURCES	2	0.2	1,787	7,743	*	0
0600 TIMBER FORST PRODUCT	30	9.4	323,292	1,093,047	*	124,255
0700 RANGE	3	0.2	4,978	16,679	*	0
0800 WILDLIFE AND FISH	3	0.8	18,848	60,832	*	2,460
1000 FRUIT NUTS DECIDUCUS	27	2.6	217,498	1,184,054	*	0
1200 VEGETABLES	26	7.0	240,565	1,130,104	*	1,465
1300 ORNAMENTALS TURF	7	1.7	14,147	253,299	*	0
1400 CORN	13	1.7	31,124	235,078	*	0
1500 GRAIN SORGHUM	15	2.0	33,972	318,025	*	732
1600 RICE	25	8.1	136,266	2,322,523	*	143,962
1700 WHEAT	16	3.6	63,923	616,013	*	1,853
1800 OTHER SMALL GRAINS	3	0.7	3,552	139,845	*	0
1900 PASTURE	5	1.0	18,918	89,878	*	0
2000 FORAGE CROPS	13	2.2	20,818	321,820	*	68,864
2100 COTTON	30	7.4	180,686	1,362,744	*	26,839
2300 SOYBEANS	41	12.3	284,541	2,897,899	*	9,073
2400 PEANUTS	1	0.0	3,976	27,047	*	0
2800 MISC NEW CROPS	1	0.1	4,608	4,608	*	0
2900 POULTRY	31	10.4	350,237	1,974,555	*	11,492
3000 BEEF CATTLE	26	7.8	347,666	1,780,524	*	93,601
3100 DAIRY CATTLE	14	3.0	140,484	741,556	*	28,959
3200 SWINE	13	2.4	113,934	449,032	*	0
3300 SHEEP AND WOOL	2	0.3	14,248	97,010	*	0
3400 OTHER ANIMALS	6	1.1	53,990	221,152	*	0
3600 FARM SUPP & FACILITS	1	0.0	147	493	*	0
3700 CLOTHING & TEXTILES	4	1.7	9,385	164,233	*	0
3800 FOOD	2	0.6	37,807	87,613	*	7,603
3900 HOUSING & EQUIP	3	1.9	188	165,743	*	0
4000 PEOPLE AS INDIVIDUALS	4	1.3	42,023	194,226	*	0
4100 FAMILY MEMBERS	3	0.6	8,539	65,048	*	0
4200 FARM AS BUSINESS	2	1.2	25,366	100,165	*	0
4300 SOC POLIT ORGANIZ	5	2.3	78,143	226,602	*	1,677
4400 AGRIC ECONOMY U S	2	0.4	25,167	43,380	*	0
4600 FARM COOPERATIVES	1	0.2	5,733	15,976	*	0
4700 OTH MARKET PROCESS	1	0.2	5,733	15,976	*	0
4800 MARKETING SYSTEMS	3	0.8	31,967	90,073	*	1,070
6100 WEEDS	4	0.6	28,934	113,796	*	0
6400 EXP DESIGN/STAT METHOD	2	1.7	5,816	137,027	*	713
6500 INVERTEBRATES	5	1.3	29,487	206,419	*	26,501
6600 MICROORGANISMS VIRUSES	12	2.0	72,244	266,057	*	22,591
6700 PLANTS	5	0.6	8,347	159,525	*	110,346
6800 ANIMALS(VERTEBRATES)	1	0.1	733	15,310	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.4	11,466	55,841	*	0
TOTAL		114.1	3,226,760	21,831,598	*	940,591

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- CALIFORNIA BERKELEY SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	88	25.0	205,471	5,538,407	*	54,800
0200 WATER	66	17.2	174,234	3,957,980	*	96,847
0300 WATERSHEDS RIVER BAS	9	1.2	15,959	209,037	*	0
0400 AIR AND CLIMATE	17	4.5	29,589	918,898	*	4,537
0500 RECREATION RESOURCES	5	1.9	34,989	270,745	*	0
0600 TIMBER FORST PRODUCT	79	30.5	407,090	5,551,455	*	428,787
0700 RANGE	19	8.4	49,876	1,479,758	*	12,216
0800 WILDLIFE AND FISH	65	19.9	167,506	4,968,463	*	123,835
0900 CITRUS SUB TROP FRUT	55	20.6	154,591	5,153,984	*	23,857
1000 FRUIT NUTS DECIDUOUS	109	40.9	302,079	9,962,060	*	416,549
1100 POTATOES	12	3.0	18,557	499,631	*	43,930
1200 VEGETABLES	106	35.8	262,451	8,130,954	*	283,938
1300 ORNAMENTALS TURF	29	11.2	81,849	2,115,931	*	0
1400 CORN	12	4.4	14,157	865,266	*	131,133
1500 GRAIN SORGHUM	5	0.5	5,456	114,322	*	0
1600 RICE	19	3.5	13,436	826,474	*	112,183
1700 WHEAT	21	3.1	41,268	1,051,044	*	174,238
1800 OTHER SMALL GRAINS	21	5.7	40,428	1,078,403	*	42,242
1900 PASTURE	1	0.0	963	8,615	*	0
2000 FORAGE CROPS	42	9.3	115,465	2,100,121	*	70,137
2100 COTTON	27	6.2	57,225	1,342,693	*	82,429
2300 SOYBEANS	6	1.9	39,670	430,768	*	41,834
2400 PEANUTS	2	0.0	0	3,217	*	0
2500 OTHER OILSEED CROPS	11	1.9	39,615	510,285	*	2,420
2700 SUGAR CROPS	5	0.9	13,288	161,637	*	0
2800 MISC NEW CROPS	6	3.3	66,020	684,774	*	195,039
2900 POULTRY	38	10.2	141,744	2,350,942	*	137,090
3000 BEEF CATTLE	44	9.0	94,486	2,125,437	*	225,358
3100 DAIRY CATTLE	55	15.0	156,362	2,879,605	*	198,807
3200 SWINE	12	2.8	31,089	714,122	*	193,833
3300 SHEEP AND WOOL	27	5.1	74,957	1,180,915	*	76,327
3400 OTHER ANIMALS	31	14.8	44,597	2,793,004	*	2,447
3500 BEES AND HONEY	8	3.7	30,541	663,371	*	0
3600 FARM SUPP & FACILITS	3	0.1	1,250	14,496	*	0
3700 CLOTHING & TEXTILES	10	2.9	19,019	420,708	*	14,191
3800 FOOD	49	20.5	151,072	4,695,877	*	423,771
3900 HOUSING & EQUIP	8	1.8	9,050	233,757	*	0
4000 PEOPLE AS INDIVIDUALS	60	14.9	109,213	2,718,345	*	123,421
4100 FAMILY MEMBERS	12	2.2	26,180	368,832	*	7,488
4200 FARM AS BUSINESS	11	3.3	57,645	511,810	*	5,499
4300 SOC POLIT ORGANIZ	15	3.3	17,697	378,841	*	0
4400 AGRIC ECONOMY U S	13	3.1	23,257	502,786	*	1,684
4500 AGRIC ECONOMY FORGN	5	1.4	3,697	137,518	*	0
4600 FARM COOPERATIVES	3	1.4	6,405	232,950	*	18,824
4700 OTH MARKET PROCESS	2	0.3	3,448	63,867	*	969
4800 MARKETING SYSTEMS	4	2.8	7,621	390,512	*	9,429
6100 WEEDS	9	2.4	26,950	424,736	*	25,541
6200 SEED RESEARCH	6	3.9	15,746	1,365,194	*	0
6300 BIO CELL SYSTEMS	36	17.2	56,363	3,498,002	*	26,142
6400 EXP DESIGN/STAT METHOD	13	7.6	15,236	717,031	*	42,184
6500 INVERTEBRATES	92	41.9	362,776	7,505,506	*	233,603
6600 MICROORGANISMS VIRUSES	82	34.4	193,735	7,089,736	*	777,155
6700 PLANTS	150	59.1	387,129	12,738,112	*	966,042
6800 ANIMALS (VERTEBRATES)	63	23.2	163,841	4,809,047	*	15,933
6900 RESEARCH ON RSCH EQMT	5	0.2	90,605	5,662,414	*	8,405
7000 RSCH EQUIP & TECHNOLOGY	13	3.0	8,941	506,124	*	40,785
TOTAL		572.1	4,681,885	125,628,519	*	5,915,874

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- COLORADO FT COLLINS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	16	7.8	113,753	735,026	*	70,927
0200 WATER	21	24.5	79,138	3,428,482	*	118,973
0300 WATERSHEDS RIVER BAS	5	4.0	19,346	363,775	*	20,711
0400 AIR AND CLIMATE	4	10.3	5,441	1,272,154	*	15,351
0500 RECREATION RESOURCES	3	1.0	58,826	133,286	*	12,159
0600 TIMBER FORST PRODUCT	11	4.5	196,129	641,776	*	6,379
0700 RANGE	11	26.7	73,848	2,494,205	*	68,443
0800 WILDLIFE AND FISH	3	1.4	6,258	178,846	*	0
1000 FRUIT NUTS DECIDUOUS	5	3.6	143,459	321,016	*	0
1100 POTATOES	7	4.6	30,489	405,335	*	0
1200 VEGETABLES	12	10.3	194,831	909,570	*	15,127
1300 ORNAMENTALS TURF	5	5.4	20,583	348,042	*	0
1400 CORN	12	4.6	69,477	508,949	*	10,581
1500 GRAIN SORGHUM	4	0.6	25,857	69,282	*	2,188
1700 WHEAT	14	24.1	20,463	2,927,302	*	84,446
1800 OTHER SMALL GRAINS	8	3.6	90,957	266,680	*	39,433
1900 PASTURE	1	0.1	6,063	12,502	*	0
2000 FORAGE CROPS	11	5.8	125,163	619,745	*	37,615
2300 SOYBEANS	3	1.6	28,210	155,255	*	240
2500 OTHER OILSEED CROPS	2	1.3	4,249	139,389	*	0
2700 SUGAR CROPS	1	0.1	1,008	6,740	*	0
2800 MISC NEW CROPS	3	1.4	9,414	148,036	*	0
2900 POULTRY	3	3.2	40,986	215,449	*	0
3000 BEEF CATTLE	18	27.1	446,264	2,537,610	*	160,814
3100 DAIRY CATTLE	2	1.2	28,191	98,549	*	0
3200 SWINE	1	0.8	14,508	53,694	*	0
3300 SHEEP AND WOOL	4	3.9	70,945	520,410	*	48,812
3400 OTHER ANIMALS	2	0.4	6,077	60,563	*	35
3600 FARM SUPP & FACILITS	1	0.7	0	79,227	*	3,851
3700 CLOTHING & TEXTILES	1	0.1	7,075	14,281	*	0
3800 FOOD	5	4.4	52,348	484,042	*	80,867
4000 PEOPLE AS INDIVIDUALS	2	0.1	6,237	11,432	*	0
4100 FAMILY MEMBERS	2	0.6	22,239	40,079	*	0
4200 FARM AS BUSINESS	3	1.7	29,528	150,839	*	3,957
4300 SOC POLIT ORGANIZ	5	2.9	30,852	253,899	*	9,633
4400 AGRIC ECONOMY U S	2	2.5	46,236	192,760	*	4,063
4700 OTH MARKET PROCESS	1	0.9	23,118	56,766	*	106
6100 WEEDS	2	0.5	6,792	31,738	*	758
6200 SEED RESEARCH	3	2.3	61,375	286,307	*	27,948
6300 BIO CELL SYSTEMS	1	0.6	0	48,835	*	14,541
6600 MICROORGANISMS VIRUSES	1	0.2	20,756	45,080	*	0
6700 PLANTS	8	6.3	97,321	951,720	*	320,945
6800 ANIMALS(VERTEBRATES)	1	0.7	0	79,227	*	3,851
7000 RSCH EQUIP & TECHNOLOGY	4	3.2	55,413	506,025	*	169,476
TOTAL		211.7	2,389,222	22,803,926	*	1,352,231

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- CONNECTICUT NEW HAVEN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	4	1.5	44,677	205,078	*	0
0200 WATER	1	0.2	7,616	26,785	*	0
0300 WATERSHEDS RIVER BAS	3	2.2	102,053	294,631	*	5,638
0600 TIMBER FORST PRODUCT	12	5.9	141,832	642,355	*	0
1000 FRUIT NUTS DECIDUOUS	13	6.5	191,828	666,584	*	0
1100 POTATOES	1	0.1	0	7,795	*	0
1200 VEGETABLES	14	5.5	57,825	550,603	*	0
1300 ORNAMENTALS TURF	8	2.4	34,191	239,305	*	0
1400 CORN	5	0.6	1,435	64,966	*	0
1700 WHEAT	3	1.5	22,897	165,401	*	0
2000 FORAGE CROPS	2	0.1	735	11,692	*	0
2600 TOBACCO	6	4.9	78,722	547,005	*	0
2900 POULTRY	1	0.2	913	18,586	*	0
3100 DAIRY CATTLE	1	0.2	913	18,586	*	0
3400 OTHER ANIMALS	1	0.7	0	74,942	*	0
3700 CLOTHING & TEXTILES	1	0.2	0	24,981	*	0
4000 PEOPLE AS INDIVIDUALS	3	2.2	72,236	254,348	*	0
6700 PLANTS	1	0.1	1,304	14,615	*	0
TOTAL		35.1	759,177	3,828,256	*	5,638

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- CONNECTICUT STORRS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	5	0.6	17,089	127,034	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	3,690	12,655	*	0
0400 AIR AND CLIMATE	3	0.5	49,851	162,842	*	0
0500 RECREATION RESOURCES	1	0.3	100	30,428	*	0
0600 TIMBER FORST PRODUCT	6	0.9	56,209	187,569	*	0
0800 WILDLIFE AND FISH	4	1.5	6,110	224,233	*	0
1200 VEGETABLES	3	0.9	49,152	185,497	*	1,404
1300 ORNAMENTALS TURF	6	2.4	38,025	306,394	*	0
1400 CORN	4	0.8	15,964	160,401	*	0
1800 OTHER SMALL GRAINS	1	0.2	16,802	21,730	*	0
2000 FORAGE CROPS	2	1.1	14,234	167,327	*	0
2900 POULTRY	7	1.5	151,349	585,964	*	0
3000 BEEF CATTLE	2	0.1	2,531	57,515	*	0
3100 DAIRY CATTLE	14	3.0	122,641	908,153	*	79,090
3200 SWINE	1	0.0	0	25,110	*	20,810
3300 SHEEP AND WOOL	4	0.4	2,291	174,706	*	35,866
3400 OTHER ANIMALS	9	2.0	66,253	622,439	*	8,966
3500 BEES AND HONEY	1	0.0	474	2,193	*	0
3800 FOOD	1	0.3	24,507	55,932	*	0
3900 HOUSING & EQUIP	1	0.5	41,889	86,829	*	1,404
4000 PEOPLE AS INDIVIDUALS	4	1.0	51,636	412,645	*	0
4300 SOC POLIT ORGANIZ	3	1.9	80,357	178,518	*	0
4600 FARM COOPERATIVES	1	0.0	3,063	6,991	*	0
4800 MARKETING SYSTEMS	1	0.0	3,063	6,991	*	0
6400 EXP DESIGN/STAT METHOD	1	0.3	15,064	31,642	*	0
6600 MICROORGANISMS VIRUSES	1	0.7	17,669	218,581	*	0
6800 ANIMALS (VERTEBRATES)	1	0.0	582	9,928	*	0
7000 RSCH EQUIP & TECHNOLOGY	4	0.5	37,831	168,614	*	0
TOTAL		21.9	888,428	5,138,860	*	147,540

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- DELAWARE NEWARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	16	2.0	119,140	389,584	*	0
0200 WATER	21	1.5	57,046	350,897	*	0
0400 AIR AND CLIMATE	2	0.0	0	7,261	*	0
0500 RECREATION RESOURCES	1	0.0	0	4,413	*	0
0600 TIMBER FORST PRODUCT	5	1.5	44,487	183,632	*	697
0800 WILDLIFE AND FISH	2	1.0	34,228	116,365	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.1	1,613	8,857	*	0
1100 POTATOES	1	0.0	312	5,325	*	0
1200 VEGETABLES	14	3.9	77,750	460,282	*	0
1300 ORNAMENTALS TURF	3	0.9	13,748	98,324	*	0
1400 CORN	13	4.4	207,282	699,025	*	0
1500 GRAIN SORGHUM	2	0.6	1,851	36,871	*	0
1600 RICE	1	0.0	648	2,075	*	0
1700 WHEAT	1	0.0	648	2,075	*	0
1800 OTHER SMALL GRAINS	1	0.4	1,067	24,642	*	0
2100 COTTON	1	0.0	648	2,075	*	0
2300 SOYBEANS	15	1.2	38,300	227,679	*	0
2900 POULTRY	21	6.3	214,751	1,556,110	*	26,075
3000 BEEF CATTLE	1	0.0	0	48,586	*	0
3100 DAIRY CATTLE	5	1.0	155,173	487,771	*	0
3200 SWINE	3	0.9	14,229	214,174	*	0
3400 OTHER ANIMALS	1	0.3	0	34,926	*	0
3500 BEES AND HONEY	1	0.2	0	10,962	*	0
3600 FARM SUPP & FACILITS	1	0.2	4,762	54,574	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.0	557	557	*	0
4300 SOC POLIT ORGANIZ	3	0.8	61,770	132,811	*	0
4800 MARKETING SYSTEMS	1	0.3	0	31,565	*	227
6500 INVERTEBRATES	7	1.6	72,835	300,375	*	27,635
6600 MICROORGANISMS VIRUSES	2	1.1	5,201	43,455	*	0
6700 PLANTS	3	0.7	11,498	57,539	*	290
6800 ANIMALS (VERTEBRATES)	1	0.0	994	3,865	*	0
TOTAL		31.2	1,140,540	5,596,651	*	54,924

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- DIST OF COLUM WASHINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	3	0.5	42,409	42,409	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.1	32,387	32,387	*	0
1200 VEGETABLES	6	1.5	176,600	176,600	*	0
1400 CORN	1	0.1	10,657	10,657	*	0
3400 OTHER ANIMALS	1	0.2	24,189	24,189	*	0
4000 PEOPLE AS INDIVIDUALS	3	1.0	61,027	61,027	*	0
4100 FAMILY MEMBERS	3	0.9	131,101	131,101	*	0
4300 SOC POLIT ORGANIZ	1	0.3	8,450	8,450	*	0
TOTAL		4.7	486,819	486,819	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FLORIDA GAINESVILLLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	52	14.7	102,266	3,113,498	*	53,212
0200 WATER	42	12.8	71,084	2,598,310	*	21,320
0300 WATERSHEDS RIVER BAS	8	2.5	14,155	455,872	*	60,850
0400 AIR AND CLIMATE	4	0.6	9,061	105,639	*	0
0600 TIMBER FORST PRODUCT	25	17.3	251,918	2,816,330	*	395,517
0700 RANGE	5	2.0	41,202	318,865	*	0
0800 WILDLIFE AND FISH	16	10.0	40,304	1,533,059	*	10,041
0900 CITRUS SUB TROP FRUT	95	59.0	195,123	8,981,123	*	952,471
1000 FRUIT NUTS DECIDUCUS	34	12.8	65,391	1,982,834	*	119,809
1100 POTATOES	6	1.8	1,154	264,424	*	0
1200 VEGETABLES	121	44.9	315,552	7,360,214	*	266,220
1300 ORNAMENTALS TURF	51	27.7	244,560	4,482,968	*	195,007
1400 CORN	31	6.4	63,838	1,170,015	*	139,050
1500 GRAIN SORGHUM	14	1.0	12,233	215,186	*	31,632
1600 RICE	2	1.0	0	178,425	*	0
1700 WHEAT	11	1.8	13,670	277,290	*	11,052
1800 OTHER SMALL GRAINS	16	2.6	24,000	377,178	*	5,384
1900 PASTURE	24	6.4	4,402	825,888	*	60,023
2000 FORAGE CROPS	59	16.5	224,670	2,871,205	*	195,207
2100 COTTON	3	0.1	321	18,227	*	0
2300 SOYBEANS	44	10.1	48,568	1,420,610	*	119,760
2400 PEANUTS	24	6.6	36,304	1,070,172	*	16,992
2500 OTHER OILSEED CROPS	1	0.3	0	43,500	*	0
2600 TOBACCO	9	1.6	5,693	235,413	*	0
2700 SUGAR CROPS	15	3.6	11,055	706,700	*	93,451
2800 MISC NEW CROPS	12	2.1	3,032	417,485	*	17,313
2900 POULTRY	13	6.5	37,213	859,506	*	0
3000 BEEF CATTLE	83	25.7	119,793	4,976,439	*	527,942
3100 DAIRY CATTLE	38	11.9	143,769	2,403,345	*	111,012
3200 SWINE	21	5.6	110,215	1,291,158	*	75,257
3300 SHEEP AND WOOL	4	1.8	27,066	268,224	*	7,326
3400 OTHER ANIMALS	13	3.3	96,633	854,323	*	43,376
3500 BEES AND HONEY	2	0.6	0	116,716	*	51,253
3600 FARM SUPP & FACILITS	6	3.7	42,134	460,314	*	0
3800 FOOD	9	7.5	13,410	1,597,968	*	41,380
3900 HOUSING & EQUIP	5	0.6	8,121	103,290	*	7,605
4000 PEOPLE AS INDIVIDUALS	7	4.1	22,241	620,487	*	13,068
4100 FAMILY MEMBERS	1	0.6	0	171,134	*	408
4200 FARM AS BUSINESS	6	3.3	12,667	306,514	*	769
4300 SOC POLIT ORGANIZ	6	1.9	25,465	242,053	*	0
4400 AGRIC ECONOMY U S	4	5.1	23,417	513,745	*	16,218
4500 AGRIC ECONOMY FORGN	1	0.1	2,931	10,894	*	631
4800 MARKETING SYSTEMS	1	2.7	7,266	416,033	*	63,657
6100 WEEDS	8	6.2	38,162	1,100,463	*	61,472
6200 SEED RESEARCH	2	0.1	7,769	49,464	*	0
6300 BIO CELL SYSTEMS	9	2.0	2,445	383,271	*	60,218
6400 EXP DESIGN/STAT METHOD	3	0.4	0	80,565	*	0
6500 INVERTEBRATES	21	7.1	82,380	1,302,920	*	228,878
6600 MICROORGANISMS VIRUSES	22	6.6	9,825	1,390,442	*	124,001
6700 PLANTS	41	13.6	71,580	3,362,580	*	501,112
6800 ANIMALS (VERTEBRATES)	7	2.0	10,574	675,527	*	59,992
6900 RESEARCH ON RSCH MGMT	3	1.1	8,439	118,707	*	58,941
7000 RSCH EQUIP & TECHNOLOGY	10	1.4	22,100	746,862	*	4,511
TOTAL		391.8	2,745,172	68,263,377	*	4,823,338

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- GEORGIA ATHENS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	26	5.5	119,685	962,618	*	295
0200 WATER	16	3.6	84,642	721,991	*	2,015
0300 WATERSHEDS RIVER BAS	2	0.1	21,596	79,652	*	337
0400 AIR AND CLIMATE	1	0.0	1,012	1,012	*	0
0500 RECREATION RESOURCES	1	0.0	2,299	9,241	*	0
0600 TIMBER FORST PRODUCT	25	10.7	329,756	4,290,760	*	475,527
0800 WILDLIFE AND FISH	6	1.6	143,111	1,111,668	*	3,455
1000 FRUIT NUTS DECIDUOUS	55	18.8	604,335	3,889,492	*	27,539
1100 POTATOES	1	0.1	0	11,209	*	0
1200 VEGETABLES	54	18.5	417,059	3,581,343	*	25,732
1300 ORNAMENTALS TURF	22	8.1	185,319	1,638,564	*	2,372
1400 CORN	29	4.8	99,419	1,104,679	*	19,468
1500 GRAIN SORGHUM	19	4.5	148,089	797,771	*	13,422
1700 WHEAT	22	6.0	172,949	911,403	*	2,404
1800 OTHER SMALL GRAINS	10	1.6	37,250	312,342	*	63,514
1900 PASTURE	10	1.5	30,242	354,719	*	1,973
2000 FORAGE CROPS	34	9.2	219,959	2,202,811	*	48,079
2100 COTTON	11	2.0	37,044	534,063	*	15,545
2300 SOYBEANS	33	8.0	279,435	1,840,834	*	90,073
2400 PEANUTS	30	9.1	92,594	2,039,771	*	28,309
2500 OTHER OILSEED CROPS	2	0.6	7,275	90,766	*	979
2600 TOBACCO	6	2.5	76,502	668,707	*	772
2700 SUGAR CROPS	1	0.2	1,434	25,563	*	0
2800 MISC NEW CROPS	5	0.4	22,595	90,503	*	1,669
2900 POULTRY	31	10.7	135,948	2,529,106	*	35,584
3000 BEEF CATTLE	35	8.7	189,737	3,934,743	*	56,515
3100 DAIRY CATTLE	18	6.5	129,485	2,327,386	*	10,086
3200 SWINE	14	5.1	67,173	1,212,046	*	3,704
3300 SHEEP AND WOOL	1	0.0	0	818	*	0
3400 OTHER ANIMALS	3	0.5	0	32,738	*	0
3500 BEES AND HONEY	1	0.1	2,860	55,243	*	1,594
3600 FARM SUPP & FACILITS	4	0.3	3,177	30,263	*	3,924
3700 CLOTHING & TEXTILES	2	0.0	0	87,259	*	1,818
3800 FOOD	12	3.8	134,450	682,598	*	2,232
3900 HOUSING & EQUIP	7	1.5	30,801	316,910	*	1,281
4000 PEOPLE AS INDIVIDUALS	5	1.2	26,219	154,895	*	7,338
4100 FAMILY MEMBERS	3	0.3	3,519	48,622	*	7,709
4200 FARM AS BUSINESS	8	2.5	34,490	259,776	*	33,082
4300 SOC POLIT ORGANIZ	8	1.1	20,018	208,729	*	7,764
4400 AGRIC ECONOMY U S	3	0.7	34,932	100,743	*	755
4500 AGRIC ECONOMY FORGN	1	0.3	2,945	29,240	*	755
4600 FARM COOPERATIVES	1	0.2	706	19,499	*	0
4700 OTH MARKET PROCESS	3	0.3	2,757	26,660	*	0
4800 MARKETING SYSTEMS	2	0.2	2,857	14,333	*	61
6100 WEEDS	5	0.9	3,949	207,489	*	0
6200 SEED RESEARCH	1	0.1	1,527	14,447	*	0
6300 BIO CELL SYSTEMS	1	0.1	0	4,324	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	0	18,682	*	0
6500 INVERTEBRATES	9	0.9	25,025	485,152	*	65,934
6600 MICROORGANISMS VIRUSES	9	1.7	30,719	339,481	*	16,798
6700 PLANTS	29	9.5	91,230	2,111,931	*	449,743
6800 ANIMALS(VERTEBRATES)	4	0.3	2,299	179,372	*	127,494
6900 RESEARCH ON RSCH MGMT	2	0.8	61,231	167,706	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	2,117	6,379	*	0
TOTAL		175.9	4,173,771	42,878,051	*	1,657,649

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- GUAM AGANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	2	0.7	83,740	157,139	*	6,059
0600 TIMBER FORST PRODUCT	1	1.0	59,185	59,185	*	0
0800 WILDLIFE AND FISH	1	0.0	16,057	28,969	*	0
0900 CITRUS SUB TROP FRUT	6	2.0	109,416	212,581	*	15,177
1000 FRUIT NUTS DECIDUOUS	1	0.1	12,292	22,178	*	0
1100 POTATOES	1	0.0	0	59,806	*	59,806
1200 VEGETABLES	12	2.4	177,038	393,174	*	106,881
1300 ORNAMENTALS TURF	4	1.5	101,340	194,582	*	11,749
1400 CORN	2	0.3	0	39,931	*	39,931
1800 OTHER SMALL GRAINS	1	0.3	12,022	21,690	*	0
1900 PASTURE	1	0.0	0	18,823	*	18,823
2000 FORAGE CROPS	1	0.7	28,052	50,611	*	0
2800 MISC NEW CROPS	4	0.6	41,774	88,633	*	13,266
2900 POULTRY	1	0.4	24,930	44,977	*	0
3200 SWINE	1	0.4	24,930	44,977	*	0
3400 OTHER ANIMALS	1	0.1	5,540	9,995	*	0
4300 SOC POLIT ORGANIZ	2	0.0	0	14,026	*	14,026
4800 MARKETING SYSTEMS	1	0.0	0	6,716	*	6,716
6100 WEEDS	1	0.0	0	18,823	*	18,823
TOTAL		10.7	696,316	1,486,817	*	311,256

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- HAWAII HONOLULU SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	22	5.0	129,394	1,345,120	*	354,545
0200 WATER	11	2.2	76,130	687,745	*	99,668
0300 WATERSHEDS RIVER BAS	1	0.2	10,256	17,455	*	0
0400 AIR AND CLIMATE	2	0.2	0	24,454	*	10,949
0600 TIMBER FORST PRODUCT	14	2.0	68,647	299,223	*	10,448
0700 RANGE	7	1.7	11,149	281,427	*	25,805
0800 WILDLIFE AND FISH	13	5.0	27,750	778,769	*	196,189
0900 CITRUS SUB TROP FRUT	51	11.0	102,793	1,744,134	*	446,580
1000 FRUIT NUTS DECIDUCUS	20	4.3	49,156	566,205	*	74,889
1200 VEGETABLES	56	15.9	176,383	2,294,096	*	270,314
1300 ORNAMENTALS TURF	27	8.7	197,823	1,126,869	*	0
1400 CORN	8	1.6	5,080	561,921	*	57,187
1600 RICE	1	0.0	0	872	*	872
1700 WHEAT	1	0.1	5,891	5,909	*	0
1900 PASTURE	4	0.3	3,052	49,802	*	5,848
2000 FORAGE CROPS	8	1.9	6,089	292,303	*	39
2300 SOYBEANS	6	0.1	0	52,361	*	44,859
2400 PEANUTS	1	0.0	0	19	*	19
2500 OTHER OILSEED CROPS	1	0.2	664	53,000	*	0
2700 SUGAR CROPS	9	1.4	7,295	161,397	*	35,022
2800 MISC NEW CROPS	7	1.9	39,673	612,422	*	0
2900 POULTRY	5	1.0	14,360	176,840	*	659
3000 BEEF CATTLE	12	4.9	27,235	850,021	*	57,229
3100 DAIRY CATTLE	8	1.5	14,930	196,793	*	0
3200 SWINE	6	0.8	13,838	162,927	*	18,560
3300 SHEEP AND WOOL	2	0.2	12,612	56,459	*	0
3400 OTHER ANIMALS	1	0.1	49	6,268	*	0
3600 FARM SUPP & FACILITS	2	0.2	0	205,778	*	0
3700 CLOTHING & TEXTILES	2	0.0	591	4,255	*	0
3800 FOOD	7	6.4	57,770	408,128	*	512
3900 HOUSING & EQUIP	3	1.0	24,090	104,209	*	192
4000 PEOPLE AS INDIVIDUALS	10	1.6	6,998	163,844	*	0
4100 FAMILY MEMBERS	5	1.2	4,906	86,436	*	0
4200 FARM AS BUSINESS	1	0.0	0	1,518	*	0
4300 SOC POLIT ORGANIZ	1	0.1	1,962	6,411	*	0
4400 AGRIC ECONOMY U S	3	0.3	0	15,728	*	0
4500 AGRIC ECONOMY FORGN	2	0.0	0	3,806	*	1,994
4600 FARM COOPERATIVES	1	0.3	0	23,487	*	5,294
4700 OTH MARKET PROCESS	1	0.1	0	3,340	*	0
4800 MARKETING SYSTEMS	3	0.9	8,503	48,114	*	0
6100 WEEDS	2	0.3	5,266	66,532	*	31,145
6300 BIO CELL SYSTEMS	3	0.7	3,271	119,099	*	59,659
6500 INVERTEBRATES	5	0.2	0	59,971	*	46,692
6600 MICROORGANISMS VIRUSES	11	2.8	6,868	632,614	*	181,705
6700 PLANTS	15	2.7	36,674	394,515	*	148,665
6800 ANIMALS (VERTEBRATES)	3	0.7	0	132,691	*	16,500
6900 RESEARCH ON RSCH MGMT	4	0.0	0	42,169	*	25,365
TOTAL		91.9	1,157,150	14,927,456	*	2,227,405

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- IDAHO MOSCOW SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	15	6.5	140,987	1,433,277	*	217,002
0200 WATER	9	1.7	85,068	550,145	*	174,050
0300 WATERSHEDS RIVER BAS	3	0.6	29,099	134,602	*	20,262
0400 AIR AND CLIMATE	1	0.1	10,833	31,157	*	0
0500 RECREATION RESOURCES	1	0.3	10,122	32,584	*	0
0600 TIMBER FORST PRODUCT	1	0.0	0	330	*	330
0700 RANGE	5	3.0	57,831	384,618	*	18,519
0800 WILDLIFE AND FISH	2	0.0	5,103	5,103	*	0
1000 FRUIT NUTS DECIDUCUS	2	0.8	6,402	135,249	*	0
1100 POTATOES	15	7.2	165,190	1,645,701	*	492,900
1200 VEGETABLES	14	4.3	109,267	902,641	*	31,455
1300 ORNAMENTALS TURF	2	0.9	20,403	159,950	*	20,413
1400 CORN	1	0.1	1,110	27,238	*	12,655
1700 WHEAT	21	7.1	192,238	1,606,609	*	360,817
1800 OTHER SMALL GRAINS	12	2.0	35,432	398,672	*	115,910
2000 FORAGE CROPS	5	0.9	34,267	153,616	*	22,092
2500 OTHER OILSEED CROPS	1	1.1	20,710	297,702	*	184
2700 SUGAR CROPS	2	0.4	27,061	99,345	*	6,106
2800 MISC NEW CROPS	1	0.5	12,843	58,231	*	0
2900 POULTRY	1	0.2	3,892	28,391	*	0
3000 BEEF CATTLE	17	4.0	205,424	1,049,878	*	208,030
3100 DAIRY CATTLE	7	2.1	79,904	598,191	*	0
3200 SWINE	1	0.1	3,558	17,655	*	0
3300 SHEEP AND WOOL	9	1.6	90,323	563,559	*	84,482
3400 OTHER ANIMALS	1	0.0	3,564	3,564	*	0
3500 BEES AND HONEY	1	0.0	0	94,664	*	0
3600 FARM SUPP & FACILITS	3	0.7	44,508	163,820	*	47,315
3800 FOOD	1	0.1	0	9,977	*	5,125
3900 HOUSING & EQUIP	3	0.5	10,912	149,590	*	30,346
4000 PEOPLE AS INDIVIDUALS	8	0.3	11,167	78,626	*	17,626
4100 FAMILY MEMBERS	3	0.1	5,939	10,258	*	0
4200 FARM AS BUSINESS	4	0.9	36,936	154,677	*	35,531
4300 SOC POLIT ORGANIZ	9	2.2	94,591	253,470	*	0
4400 AGRIC ECONOMY U S	1	0.1	4,153	18,293	*	0
4500 AGRIC ECONOMY FORGN	1	0.6	17,777	92,409	*	9,474
4800 MARKETING SYSTEMS	1	0.1	2,884	12,399	*	0
6100 WEEDS	2	0.6	4,473	85,194	*	2,518
6200 SEED RESEARCH	1	0.7	16,262	146,667	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	1,899	28,596	*	0
6500 INVERTEBRATES	3	0.5	8,980	206,064	*	118,408
6600 MICROORGANISMS VIRUSES	2	0.3	7,691	122,686	*	24,842
6700 PLANTS	11	3.6	62,785	586,331	*	41,339
6800 ANIMALS (VERTEBRATES)	5	1.1	15,241	170,838	*	17,132
6900 RESEARCH ON RSCH MGMT	1	1.0	18,790	113,765	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.8	29,740	52,722	*	0
TOTAL		60.0	1,745,360	12,869,056	*	2,134,863

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- ILLINOIS URBANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	37	14.7	355,509	2,303,750	*	172,601
0200 WATER	11	2.4	105,121	392,571	*	50,304
0300 WATERSHEDS RIVER BAS	5	1.4	77,429	200,086	*	4,739
0400 AIR AND CLIMATE	1	0.0	8,265	13,358	*	0
0600 TIMBER FORST PRODUCT	27	8.4	138,931	962,984	*	45,641
0700 RANGE	1	0.0	8,687	26,732	*	1,843
0800 WILDLIFE AND FISH	2	0.1	1,509	7,656	*	0
0900 CITRUS SUB TROP FRUT	2	0.2	6,681	20,244	*	0
1000 FRUIT NUTS DECIDUCUS	11	4.5	70,907	577,113	*	524
1200 VEGETABLES	20	6.2	164,413	954,968	*	94,521
1300 ORNAMENTALS TURF	10	3.6	95,124	533,713	*	0
1400 CORN	64	19.5	491,477	3,269,539	*	242,920
1500 GRAIN SORGHUM	3	0.2	5,488	24,576	*	0
1600 RICE	1	0.0	1,373	5,798	*	0
1700 WHEAT	11	2.5	22,565	196,432	*	10,986
1800 OTHER SMALL GRAINS	9	2.1	74,327	383,266	*	15,719
2000 FORAGE CROPS	18	4.2	163,354	848,560	*	10,028
2100 COTTON	1	0.1	11,206	13,674	*	0
2300 SOYBEANS	52	15.9	446,957	2,652,587	*	214,890
2500 OTHER OILSEED CROPS	4	0.9	26,158	355,782	*	7,260
2600 TOBACCO	2	0.4	22,183	139,398	*	11,994
2700 SUGAR CROPS	1	0.0	1,504	7,668	*	0
2800 MISC NEW CROPS	5	0.5	20,826	62,630	*	786
2900 POULTRY	14	5.3	124,887	1,121,380	*	158,075
3000 BEEF CATTLE	26	7.3	205,420	2,062,708	*	58,455
3100 DAIRY CATTLE	39	10.0	335,316	2,554,993	*	177,157
3200 SWINE	29	6.8	263,754	1,675,729	*	55,304
3300 SHEEP AND WOOL	7	1.8	41,527	420,870	*	14,468
3400 OTHER ANIMALS	11	1.4	78,085	478,319	*	77,352
3600 FARM SUPP & FACILITS	4	1.3	30,497	205,690	*	5,611
3700 CLOTHING & TEXTILES	5	1.9	27,227	116,088	*	0
3800 FOOD	13	2.7	160,608	609,494	*	18,333
3900 HOUSING & EQUIP	7	2.1	41,853	348,606	*	256
4000 PEOPLE AS INDIVIDUALS	13	1.8	55,958	463,950	*	2,726
4100 FAMILY MEMBERS	17	3.3	106,686	565,558	*	0
4200 FARM AS BUSINESS	7	6.2	152,661	657,933	*	7,853
4300 SOC POLIT ORGANIZ	5	0.8	49,729	139,122	*	14,049
4400 AGRIC ECONOMY U S	4	1.5	43,109	215,510	*	30,827
4500 AGRIC ECONOMY FORGN	1	0.2	421	15,905	*	6,406
4700 OTH MARKET PROCESS	1	0.0	1,200	1,200	*	0
4800 MARKETING SYSTEMS	2	0.0	38,014	39,955	*	0
6100 WEEDS	3	0.6	15,244	73,202	*	8,445
6300 BIO CELL SYSTEMS	7	1.5	42,790	461,025	*	35,948
6400 EXP DESIGN/STAT METHOD	5	2.0	16,375	184,044	*	0
6500 INVERTEBRATES	6	1.7	34,976	159,998	*	19,661
6600 MICROORGANISMS VIRUSES	11	5.4	156,074	705,693	*	63,588
6700 PLANTS	8	2.5	52,945	490,966	*	58,523
6800 ANIMALS(VERTEBRATES)	11	3.7	118,523	799,243	*	27,799
6900 RESEARCH ON RSCH MGMT	2	0.0	78,233	83,938	*	1,575
7000 RSCH EQUIP & TECHNOLOGY	3	0.4	25,485	70,343	*	0
TOTAL		160.4	4,617,550	28,674,549	*	1,727,165

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- INDIANA LAFAYETTE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	27	8.3	190,275	1,661,783	*	75,311
0200 WATER	9	1.5	53,684	333,615	*	37,248
0300 WATERSHEDS RIVER BAS	3	0.7	11,131	134,688	*	13,917
0400 AIR AND CLIMATE	8	0.9	36,058	205,524	*	7,241
0500 RECREATION RESOURCES	2	0.6	5,111	117,098	*	675
0600 TIMBER FORST PRODUCT	38	9.4	208,030	1,796,664	*	210,833
0700 RANGE	1	0.1	1,143	13,025	*	0
0800 WILDLIFE AND FISH	11	2.6	17,253	370,042	*	30,924
0900 CITRUS SUB TROP FRUT	1	0.3	4,779	44,247	*	0
1000 FRUIT NUTS DECIDUCUS	11	0.8	42,793	430,151	*	1,726
1100 POTATOES	6	1.0	36,231	212,504	*	0
1200 VEGETABLES	26	6.0	216,598	1,430,982	*	62,973
1300 ORNAMENTALS TURF	12	2.5	80,248	408,948	*	7,779
1400 CORN	63	15.7	563,202	4,095,354	*	93,053
1500 GRAIN SORGHUM	10	1.7	20,042	558,511	*	0
1600 RICE	1	0.4	30,520	310,486	*	0
1700 WHEAT	18	3.0	82,104	831,539	*	56,466
1800 OTHER SMALL GRAINS	4	0.5	10,924	110,108	*	50,957
2000 FORAGE CROPS	18	3.3	75,998	658,143	*	13,636
2300 SOYBEANS	45	7.4	209,181	1,681,549	*	73,889
2500 OTHER OILSEED CROPS	1	0.1	6,396	76,556	*	24,321
2700 SUGAR CROPS	2	0.3	9,509	48,633	*	0
2800 MISC NEW CROPS	10	2.6	81,563	682,767	*	29,604
2900 POULTRY	26	6.4	150,933	1,044,819	*	7,687
3000 BEEF CATTLE	40	5.8	224,412	2,660,772	*	6,534
3100 DAIRY CATTLE	26	6.6	199,474	1,767,060	*	5,105
3200 SWINE	44	8.5	256,207	1,970,671	*	47,084
3300 SHEEP AND WOOL	11	1.0	19,055	357,469	*	54,837
3400 OTHER ANIMALS	22	3.8	110,305	963,926	*	12,236
3600 FARM SUPP & FACILITS	2	0.1	4,745	31,063	*	0
3700 CLOTHING & TEXTILES	1	0.2	8,999	47,048	*	0
3800 FOOD	15	4.5	140,583	1,168,977	*	13,610
3900 HOUSING & EQUIP	5	1.0	19,958	164,638	*	0
4000 PEOPLE AS INDIVIDUALS	8	1.2	18,612	232,171	*	1,982
4100 FAMILY MEMBERS	10	3.6	51,733	842,358	*	1,982
4200 FARM AS BUSINESS	7	2.4	38,445	266,601	*	3,971
4300 SOC POLIT ORGANIZ	6	0.9	29,426	382,121	*	0
4400 AGRIC ECONOMY U S	8	2.1	66,005	550,422	*	5,524
4500 AGRIC ECONOMY FORGN	6	2.7	40,901	418,269	*	44,795
4600 FARM COOPERATIVES	1	0.2	2,311	52,160	*	9,538
4700 OTH MARKET PROCESS	3	0.5	9,567	54,885	*	0
4800 MARKETING SYSTEMS	9	1.5	43,818	248,050	*	24,474
6100 WEEDS	8	1.2	56,619	297,767	*	2,753
6200 SEED RESEARCH	1	0.1	3,254	28,455	*	0
6300 BIO CELL SYSTEMS	11	3.1	120,998	1,450,581	*	39,141
6400 EXP DESIGN/STAT METHOD	2	0.3	9,037	42,568	*	0
6500 INVERTEBRATES	11	3.8	57,700	669,670	*	100,624
6600 MICROORGANISMS VIRUSES	11	3.7	109,941	1,040,967	*	175,776
6700 PLANTS	32	7.4	216,412	1,660,837	*	174,907
6800 ANIMALS (VERTEBRATES)	18	5.3	202,165	2,474,659	*	18,520
7000 RSCH EQUIP & TECHNOLOGY	9	2.0	31,876	514,576	*	81
TOTAL		149.6	4,236,262	37,616,475	*	1,541,714

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY — IOWA AHES SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	34	8.8	206,087	2,681,579	*	416,752
0200 WATER	13	2.0	60,720	507,797	*	97,049
0300 WATERSHEDS RIVER BAS	1	0.0	0	5,869	*	0
0400 AIR AND CLIMATE	7	2.4	54,752	232,979	*	0
0600 TIMBER FORST PRODUCT	17	4.9	142,343	753,717	*	16,685
0700 RANGE	2	0.0	0	3,200	*	0
0800 WILDLIFE AND FISH	20	2.3	5,024	447,345	*	2,868
0900 CITRUS SUB TROP FRUT	1	0.1	0	11,540	*	0
1000 FRUIT NUTS DECIDUOUS	7	1.8	6,007	185,612	*	0
1100 POTATOES	6	0.8	10,200	145,910	*	0
1200 VEGETABLES	14	1.1	177,206	364,848	*	9,293
1300 ORNAMENTALS TURF	6	2.4	38,451	452,177	*	1,578
1400 CORN	75	15.5	589,952	3,344,915	*	106,294
1500 GRAIN SORGHUM	1	0.7	59,107	105,423	*	0
1600 RICE	1	0.0	0	651	*	0
1700 WHEAT	8	0.7	18,942	83,462	*	0
1800 OTHER SMALL GRAINS	9	1.8	147,112	491,849	*	2,625
1900 PASTURE	2	0.5	49,475	90,346	*	966
2000 FORAGE CROPS	15	1.8	168,758	407,852	*	5,151
2200 COTTONSEED	1	0.1	2,027	16,325	*	0
2300 SOYBEANS	64	10.7	294,859	2,617,667	*	96,792
2400 PEANUTS	2	0.5	17,559	61,673	*	0
2500 OTHER OILSEED CROPS	9	0.6	55,535	155,258	*	1,578
2800 MISC NEW CROPS	2	0.0	43,644	49,394	*	1,578
2900 POULTRY	17	3.7	280,393	821,103	*	0
3000 BEEF CATTLE	37	10.4	603,460	2,952,000	*	121,877
3100 DAIRY CATTLE	21	4.4	290,737	1,581,279	*	0
3200 SWINE	35	9.7	679,383	3,913,119	*	67,306
3300 SHEEP AND WOOL	4	0.3	22,116	38,030	*	0
3400 OTHER ANIMALS	5	1.0	27,793	123,384	*	0
3600 FARM SUPP & FACILITS	2	0.7	51,294	163,902	*	38,412
3700 CLOTHING & TEXTILES	2	0.1	7,010	26,854	*	0
3800 FOOD	15	3.1	70,407	686,345	*	246,819
3900 HOUSING & EQUIP	2	0.5	3,893	46,270	*	0
4000 PEOPLE AS INDIVIDUALS	19	2.4	70,467	426,915	*	9,389
4100 FAMILY MEMBERS	12	1.9	54,558	375,206	*	0
4200 FARM AS BUSINESS	10	1.7	25,150	337,676	*	0
4300 SOC POLIT ORGANIZ	17	3.0	101,555	468,132	*	97,167
4400 AGRIC ECONOMY U S	10	1.3	4,332	525,193	*	142,485
4500 AGRIC ECONOMY FORGN	3	0.7	5,649	264,479	*	114,416
4600 FARM COOPERATIVES	2	0.1	5,960	19,569	*	0
4700 OTH MARKET PROCESS	2	0.2	5,769	37,517	*	0
6100 WEEDS	1	0.1	0	11,588	*	0
6200 SEED RESEARCH	3	0.3	9,466	84,632	*	0
6300 BIO CELL SYSTEMS	7	1.7	115,525	243,454	*	0
6400 EXP DESIGN/STAT METHOD	4	1.0	3,237	717,436	*	606,401
6500 INVERTEBRATES	8	1.4	34,885	364,299	*	86,251
6600 MICROORGANISMS VIRUSES	3	0.6	20,883	247,987	*	9,824
6700 PLANTS	5	1.6	41,386	176,768	*	0
6800 ANIMALS (VERTEBRATES)	10	4.1	81,305	847,288	*	0
6900 RESEARCH ON RSCH MGMT	1	0.0	0	22,377	*	3,255
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	0	38,026	*	1,393
TOTAL		115.9	4,764,375	28,778,216	*	2,304,202

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- KANSAS MANHATTAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	20	8.9	138,176	1,375,409	*	13,471
0200 WATER	15	5.9	89,991	974,018	*	0
0400 AIR AND CLIMATE	1	0.9	49,881	78,160	*	0
0500 RECREATION RESOURCES	1	0.4	14,909	32,610	*	0
0600 TIMBER FORST PRODUCT	8	2.2	97,260	350,190	*	1,341
0700 RANGE	10	6.6	42,716	1,122,879	*	814
0800 WILDLIFE AND FISH	1	0.4	0	21,373	*	0
1000 FRUIT NUTS DECIDUOUS	7	2.3	10,686	388,612	*	0
1200 VEGETABLES	13	4.0	62,928	416,910	*	7,820
1300 ORNAMENTALS TURF	10	3.9	33,429	428,118	*	4,604
1400 CORN	35	8.7	93,655	1,348,724	*	16,823
1500 GRAIN SORGHUM	38	14.8	171,034	2,029,482	*	57,408
1600 RICE	1	0.8	0	100,113	*	0
1700 WHEAT	72	29.9	388,091	4,897,647	*	611,368
1800 OTHER SMALL GRAINS	14	6.1	15,374	881,875	*	28,719
1900 PASTURE	1	0.4	0	68,396	*	0
2000 FORAGE CROPS	19	6.5	124,261	774,447	*	97,558
2300 SOYBEANS	23	8.5	72,102	1,067,435	*	15,536
2500 OTHER OILSEED CROPS	7	1.6	7,660	290,483	*	1,237
2800 MISC NEW CROPS	1	0.2	6,103	9,108	*	0
2900 POULTRY	7	2.2	165,391	578,311	*	0
3000 BEEF CATTLE	58	22.3	600,805	5,001,387	*	201,083
3100 DAIRY CATTLE	25	4.8	160,835	1,028,589	*	23,037
3200 SWINE	25	7.2	92,638	1,385,468	*	162,712
3300 SHEEP AND WOOL	6	2.0	70,427	319,697	*	0
3400 OTHER ANIMALS	9	1.9	53,556	275,138	*	0
3600 FARM SUPP & FACILITS	5	2.6	84,275	274,183	*	0
3700 CLOTHING & TEXTILES	2	0.9	0	87,411	*	0
3800 FOOD	7	1.2	28,127	247,060	*	0
3900 HOUSING & EQUIP	1	0.2	0	15,870	*	0
4000 PEOPLE AS INDIVIDUALS	2	1.2	0	52,402	*	0
4100 FAMILY MEMBERS	10	2.8	50,569	226,338	*	0
4200 FARM AS BUSINESS	2	0.7	17,131	40,866	*	0
4300 SOC POLIT ORGANIZ	8	2.9	16,604	242,876	*	0
4400 AGRIC ECONOMY U S	1	0.4	0	22,507	*	0
4700 OTH MARKET PROCESS	1	0.0	0	14,004	*	0
4800 MARKETING SYSTEMS	1	1.1	69,780	79,834	*	0
6300 BIO CELL SYSTEMS	5	1.7	0	123,125	*	0
6400 EXP DESIGN/STAT METHOD	2	3.9	0	399,621	*	17,416
6500 INVERTEBRATES	4	0.0	0	21,060	*	289
6600 MICROORGANISMS VIRUSES	13	1.7	39,229	290,215	*	157,144
6700 PLANTS	31	18.1	107,501	2,693,282	*	192,527
6800 ANIMALS (VERTEBRATES)	19	7.9	64,716	1,376,327	*	0
6900 RESEARCH ON RSCH MGMT	2	0.5	9,795	49,002	*	0
7000 RSCH EQUIP & TECHNOLOGY	6	2.3	4,770	229,288	*	30,298
TOTAL		203.7	3,054,404	31,729,850	*	1,641,205

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- KENTUCKY LEXINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	25	6.8	208,384	1,106,262	*	0
0200 WATER	11	1.7	55,474	307,203	*	0
0300 WATERSHEDS RIVER BAS	5	0.4	32,657	88,537	*	0
0400 AIR AND CLIMATE	1	0.3	10,384	33,844	*	0
0600 TIMBER FORST PRODUCT	13	5.8	157,300	608,879	*	0
0800 WILDLIFE AND FISH	1	1.4	15,380	103,944	*	0
1000 FRUIT NUTS DECIDUOUS	8	2.7	100,280	379,805	*	0
1100 POTATOES	1	0.3	10,905	72,948	*	0
1200 VEGETABLES	13	6.1	192,606	818,879	*	0
1300 ORNAMENTALS TURF	7	2.4	102,367	384,538	*	0
1400 CORN	17	4.6	210,911	664,000	*	0
1700 WHEAT	11	1.6	86,688	197,443	*	0
1800 OTHER SMALL GRAINS	2	0.7	31,844	125,378	*	0
1900 PASTURE	2	0.2	10,872	22,613	*	0
2000 FORAGE CROPS	21	9.6	305,324	1,185,469	*	0
2300 SOYBEANS	17	7.1	271,760	972,845	*	0
2600 TOBACCO	21	11.1	287,904	1,419,142	*	0
2800 MISC NEW CROPS	2	0.5	16,530	112,778	*	0
2900 POULTRY	2	1.2	54,840	250,232	*	0
3000 BEEF CATTLE	20	7.4	347,994	1,699,753	*	0
3100 DAIRY CATTLE	15	6.7	338,303	1,182,967	*	0
3200 SWINE	10	3.8	169,065	907,670	*	0
3300 SHEEP AND WOOL	7	1.4	104,117	249,899	*	0
3400 OTHER ANIMALS	12	14.2	371,672	2,221,342	*	0
3600 FARM SUPP & FACILITS	2	0.4	12,190	39,930	*	0
3800 FOOD	3	0.8	11,285	81,476	*	0
3900 HOUSING & EQUIP	5	2.8	131,612	396,685	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.5	21,027	57,288	*	0
4100 FAMILY MEMBERS	7	3.1	62,234	208,133	*	0
4200 FARM AS BUSINESS	6	3.8	89,452	258,041	*	0
4300 SOC POLIT ORGANIZ	7	4.1	177,825	381,817	*	0
4400 AGRIC ECONOMY U S	3	0.9	33,139	69,309	*	0
4600 FARM COOPERATIVES	1	0.0	372	2,934	*	0
4700 OTH MARKET PROCESS	1	0.0	743	5,869	*	0
4800 MARKETING SYSTEMS	3	0.6	7,610	63,370	*	0
6100 WEEDS	1	0.0	4,296	7,236	*	0
6200 SEED RESEARCH	1	0.6	10,249	84,259	*	0
6300 BIO CELL SYSTEMS	3	2.2	18,562	150,822	*	0
6400 EXP DESIGN/STAT METHOD	2	0.5	6,371	54,681	*	0
6500 INVERTEBRATES	2	2.0	64,618	128,376	*	0
6600 MICROORGANISMS VIRUSES	2	0.1	39,084	47,929	*	0
6700 PLANTS	7	3.8	124,049	565,725	*	0
6800 ANIMALS (VERTEBRATES)	3	1.7	5,622	181,066	*	0
6900 RESEARCH ON RSCH MGMT	1	0.2	0	29,878	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	0.9	14,879	78,187	*	0
TOTAL		127.1	4,328,780	17,969,384	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- LOUISIANA BATON ROUGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	28	7.7	181,362	894,449	*	0
0200 WATER	6	1.2	19,438	110,495	*	0
0300 WATERSHEDS RIVER BAS	3	0.0	1,419	55,699	*	130
0400 AIR AND CLIMATE	4	0.3	23,837	57,611	*	0
0500 RECREATION RESOURCES	1	0.3	0	18,477	*	0
0600 TIMBER FORST PRODUCT	30	7.9	235,225	920,019	*	0
0700 RANGE	2	0.2	0	27,376	*	0
0800 WILDLIFE AND FISH	38	14.7	124,829	2,103,642	*	222,071
0900 CITRUS SUB TROP FRUT	4	1.5	0	125,358	*	0
1000 FRUIT NUTS DECIDUOUS	21	7.9	24,894	790,006	*	0
1100 POTATOES	2	0.2	20,596	37,999	*	0
1200 VEGETABLES	43	16.1	157,129	1,750,421	*	3,347
1300 ORNAMENTALS TURF	23	6.4	49,672	720,412	*	0
1400 CORN	26	3.5	27,610	402,582	*	3,032
1500 GRAIN SORGHUM	21	2.2	5,262	316,691	*	4,548
1600 RICE	45	18.6	140,265	2,444,888	*	81,618
1700 WHEAT	24	3.9	23,143	498,115	*	0
1800 OTHER SMALL GRAINS	4	0.6	9,734	58,225	*	0
1900 PASTURE	8	2.0	12,249	237,182	*	0
2000 FORAGE CROPS	58	13.4	91,689	1,812,922	*	0
2100 COTTON	37	10.8	118,508	1,485,842	*	4,463
2200 COTTONSEED	1	0.1	864	9,574	*	0
2300 SOYBEANS	60	14.2	197,928	2,122,762	*	96,709
2700 SUGAR CROPS	20	6.1	74,318	852,146	*	0
2800 MISC NEW CROPS	1	0.1	2,719	10,119	*	0
2900 POULTRY	14	5.9	117,266	1,059,094	*	0
3000 BEEF CATTLE	66	20.5	338,306	3,674,780	*	87,466
3100 DAIRY CATTLE	58	15.5	225,612	2,912,466	*	68,464
3200 SWINE	9	1.5	60,427	420,989	*	0
3300 SHEEP AND WOOL	7	0.8	14,217	157,640	*	0
3400 OTHER ANIMALS	14	2.6	90,614	614,843	*	11,962
3600 FARM SUPP & FACILITS	4	0.3	9,202	92,060	*	0
3700 CLOTHING & TEXTILES	4	1.7	46,093	119,917	*	0
3800 FOOD	3	0.9	19,196	68,406	*	0
3900 HOUSING & EQUIP	3	0.9	8,314	120,129	*	0
4000 PEOPLE AS INDIVIDUALS	12	2.0	69,479	225,672	*	0
4100 FAMILY MEMBERS	6	1.6	45,616	107,127	*	0
4200 FARM AS BUSINESS	7	1.7	47,127	152,544	*	0
4300 SOC POLIT ORGANIZ	6	4.3	57,022	332,295	*	0
4400 AGRIC ECONOMY U S	3	0.2	1,921	27,444	*	0
4600 FARM COOPERATIVES	2	0.4	12,482	40,715	*	0
6100 WEEDS	5	0.7	17,298	166,624	*	54,945
6200 SEED RESEARCH	2	0.6	8,890	68,209	*	0
6300 BIO CELL SYSTEMS	3	1.1	24,230	116,144	*	0
6400 EXP DESIGN/STAT METHOD	4	2.6	0	378,368	*	11,500
6500 INVERTEBRATES	8	2.4	38,884	189,767	*	298
6600 MICROORGANISMS VIRUSES	4	0.7	63,447	166,506	*	47,929
6700 PLANTS	14	2.5	43,753	463,172	*	900
6800 ANIMALS(VERTEBRATES)	5	0.9	10,930	224,080	*	0
6900 RESEARCH ON RSCH MGMT	3	0.4	0	46,505	*	1,437
7000 RSCH EQUIP & TECHNOLOGY	3	0.3	5,547	54,721	*	1,437
TOTAL		213.3	2,918,565	29,863,188	*	702,255

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- MAINE ORONO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	9	2.4	88,292	554,610	*	60,088
0200 WATER	2	0.3	22,118	58,075	*	0
0300 WATERSHEDS RIVER BAS	3	0.8	3,103	74,448	*	0
0400 AIR AND CLIMATE	2	0.2	8,054	15,892	*	0
0500 RECREATION RESOURCES	2	0.5	18,749	38,598	*	0
0600 TIMBER FORST PRODUCT	33	13.3	312,656	2,019,561	*	265,969
0800 WILDLIFE AND FISH	12	6.0	163,211	735,945	*	0
1000 FRUIT NUTS DECIDUOUS	13	3.1	191,504	780,829	*	6,375
1100 POTATOES	24	9.8	381,849	1,338,855	*	103,737
1200 VEGETABLES	1	0.0	3,495	24,381	*	0
1300 ORNAMENTALS TURF	1	0.0	2,500	23,732	*	0
1400 CORN	2	0.2	0	32,589	*	31,824
2000 FORAGE CROPS	4	0.7	40,484	155,272	*	15,912
2900 POULTRY	3	1.1	57,097	133,079	*	0
3000 BEEF CATTLE	1	0.0	2,000	5,374	*	0
3100 DAIRY CATTLE	11	3.3	130,736	1,004,711	*	0
3300 SHEEP AND WOOL	2	0.1	7,007	119,580	*	0
3600 FARM SUPP & FACILITS	1	0.9	26,997	85,776	*	0
3800 FOOD	4	1.8	68,053	181,462	*	0
3900 HOUSING & EQUIP	1	0.3	10,538	109,991	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.3	10,000	30,422	*	0
4100 FAMILY MEMBERS	3	0.9	15,442	35,151	*	0
4300 SOC POLIT ORGANIZ	3	1.6	75,165	161,626	*	11,616
6300 BIO CELL SYSTEMS	3	1.0	40,064	120,627	*	0
6500 INVERTEBRATES	3	2.4	59,025	201,240	*	0
6600 MICROORGANISMS VIRUSES	4	1.2	51,698	146,117	*	52,432
6700 PLANTS	1	0.3	23,281	42,359	*	0
6800 ANIMALS(VERTEBRATES)	1	0.5	19,949	117,072	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	3,103	7,484	*	0
TOTAL		53.2	1,836,170	8,354,856	*	547,953

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- MARYLAND COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	9	3.2	62,441	475,890	*	0
0200 WATER	7	1.0	22,121	101,895	*	0
0300 WATERSHEDS RIVER BAS	2	0.6	34,117	91,334	*	0
0400 AIR AND CLIMATE	1	1.6	42,744	246,786	*	0
0500 RECREATION RESOURCES	1	0.8	15,066	77,246	*	0
0600 TIMBER FORST PRODUCT	8	1.8	135,589	311,017	*	0
0800 WILDLIFE AND FISH	3	1.1	43,288	178,694	*	0
1000 FRUIT NUTS DECIDUOUS	8	3.3	149,074	512,272	*	0
1100 POTATOES	3	1.0	31,014	111,643	*	17,891
1200 VEGETABLES	14	5.8	145,928	793,170	*	0
1300 ORNAMENTALS TURF	7	4.1	84,448	489,577	*	0
1400 CORN	6	1.7	46,589	352,523	*	0
1700 WHEAT	3	1.1	45,026	238,342	*	0
1800 OTHER SMALL GRAINS	1	0.6	15,662	145,694	*	0
1900 PASTURE	2	0.4	15,006	53,474	*	0
2000 FORAGE CROPS	6	2.8	62,195	543,395	*	24,684
2300 SOYBEANS	6	2.0	32,457	375,233	*	0
2600 TOBACCO	7	3.0	23,266	422,603	*	0
2700 SUGAR CROPS	1	0.0	9,444	14,015	*	0
2800 MISC NEW CROPS	1	0.0	9,444	14,015	*	0
2900 POULTRY	19	8.2	366,744	1,621,332	*	2,993
3000 BEEF CATTLE	9	2.2	97,723	1,009,938	*	0
3100 DAIRY CATTLE	9	4.7	233,247	1,432,372	*	0
3200 SWINE	2	1.5	7,201	268,794	*	0
3300 SHEEP AND WOOL	1	0.2	11,355	36,472	*	0
3400 OTHER ANIMALS	4	2.5	15,400	438,396	*	18,539
3700 CLOTHING & TEXTILES	2	0.0	28,693	28,693	*	0
3800 FOOD	3	0.9	63,725	143,569	*	0
3900 HOUSING & EQUIP	1	0.1	2,288	15,079	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.6	2,945	77,301	*	0
4200 FARM AS BUSINESS	1	1.5	35,530	197,579	*	0
4300 SOC POLIT ORGANIZ	1	0.8	37,034	107,251	*	0
4400 AGRIC ECONOMY U S	2	1.8	52,097	244,432	*	0
6100 WEEDS	1	0.4	1,480	36,186	*	0
6400 EXP DESIGN/STAT METHOD	1	0.3	9,257	43,977	*	0
6500 INVERTEBRATES	11	2.9	88,343	456,615	*	115,824
6600 MICROORGANISMS VIRUSES	4	0.3	19,613	156,624	*	103,099
6700 PLANTS	10	4.1	75,260	538,162	*	177
6800 ANIMALS(VERTEBRATES)	1	0.0	240	5,317	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.6	16,220	199,592	*	0
TOTAL		70.0	2,189,315	12,606,500	*	283,206

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- MASSACHUSETTS AMHERST SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	9	1.8	99,513	380,169	*	20,214
0200 WATER	2	0.3	8,231	33,474	*	1,141
0300 WATERSHEDS RIVER BAS	3	0.2	21,771	83,165	*	1,522
0500 RECREATION RESOURCES	1	0.0	0	7,471	*	0
0600 TIMBER FORST PRODUCT	15	2.2	155,097	510,604	*	35,826
0800 WILDLIFE AND FISH	9	2.0	57,901	269,014	*	0
1000 FRUIT NUTS DECIDUOUS	14	5.8	270,285	1,013,126	*	10,257
1100 POTATOES	3	0.3	48,643	163,509	*	2,528
1200 VEGETABLES	15	4.0	175,637	623,642	*	48,773
1300 ORNAMENTALS TURF	8	2.8	92,687	341,707	*	34,197
1400 CORN	6	0.5	22,947	114,792	*	22,667
2000 FORAGE CROPS	6	0.5	32,334	138,904	*	13,409
2300 SOYBEANS	3	0.4	13,553	65,189	*	0
2900 POULTRY	2	1.0	45,040	286,480	*	0
3100 DAIRY CATTLE	8	2.3	95,133	481,484	*	0
3300 SHEEP AND WOOL	3	0.7	46,350	139,253	*	0
3400 OTHER ANIMALS	4	0.9	42,334	223,530	*	0
3800 FOOD	9	4.4	203,498	679,931	*	0
4000 PEOPLE AS INDIVIDUALS	4	0.7	77,426	219,792	*	0
4300 SOC POLIT ORGANIZ	6	1.0	52,577	285,194	*	0
4400 AGRIC ECONOMY U S	2	1.0	25,976	138,776	*	959
4800 MARKETING SYSTEMS	1	0.1	5,515	52,415	*	0
6500 INVERTEBRATES	24	4.0	212,184	1,141,601	*	498,847
6600 MICROORGANISMS VIRUSES	8	1.4	55,863	242,341	*	0
6700 PLANTS	2	0.4	7,484	50,297	*	0
6800 ANIMALS(VERTEBRATES)	4	3.0	82,912	262,819	*	0
TOTAL		42.0	1,950,892	7,948,680	*	690,340

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- MICHIGAN LANSING SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	34	11.9	169,190	2,566,646	*	88,242
0200 WATER	14	4.5	79,344	949,359	*	90,055
0400 AIR AND CLIMATE	3	0.3	19,552	113,769	*	1,898
0500 RECREATION RESOURCES	7	2.8	40,937	520,260	*	12,237
0600 TIMBER FORST PRODUCT	36	11.2	129,484	2,515,702	*	689,637
0800 WILDLIFE AND FISH	14	5.6	85,186	1,352,348	*	66,422
1000 FRUIT NUTS DECIDUOUS	37	12.4	357,541	3,136,194	*	597,376
1100 POTATOES	13	2.7	51,654	762,467	*	291,248
1200 VEGETABLES	39	9.5	322,121	1,927,002	*	320,679
1300 ORNAMENTALS TURF	10	4.4	143,400	1,193,137	*	1,598
1400 CORN	14	1.8	90,584	355,773	*	33,273
1500 GRAIN SORGHUM	1	0.1	0	31,290	*	0
1700 WHEAT	9	1.6	8,217	443,961	*	8,179
1800 OTHER SMALL GRAINS	10	2.3	112,667	619,461	*	82,933
2000 FORAGE CROPS	12	1.9	56,899	511,705	*	630
2300 SOYBEANS	13	4.1	21,042	631,388	*	618
2700 SUGAR CROPS	3	0.3	0	94,260	*	36,038
2800 MISC NEW CROPS	2	0.2	9,999	35,579	*	0
2900 POULTRY	16	4.3	85,952	683,418	*	46,933
3000 BEEF CATTLE	28	4.5	106,840	2,550,974	*	116,022
3100 DAIRY CATTLE	26	4.6	160,820	1,082,172	*	39,186
3200 SWINE	24	5.5	217,914	1,704,587	*	82,213
3300 SHEEP AND WOOL	2	0.1	21,463	85,089	*	0
3400 OTHER ANIMALS	10	2.1	40,859	356,871	*	30,365
3500 BEES AND HONEY	1	0.1	0	47,942	*	3,638
3600 FARM SUPP & FACILITS	4	1.5	34,713	194,374	*	3,636
3700 CLOTHING & TEXTILES	1	0.3	10,288	21,218	*	0
3800 FOOD	30	10.5	410,840	2,570,256	*	301,532
3900 HOUSING & EQUIP	3	1.3	33,937	123,029	*	2,151
4000 PEOPLE AS INDIVIDUALS	11	2.3	36,426	557,206	*	2,286
4100 FAMILY MEMBERS	9	1.4	42,103	248,973	*	0
4200 FARM AS BUSINESS	6	1.9	21,915	280,369	*	24,207
4300 SOC POLIT ORGANIZ	14	4.5	85,775	671,505	*	28,917
4400 AGRIC ECONOMY U S	5	2.4	89,142	443,350	*	8,311
4500 AGRIC ECONOMY FORGN	1	8.7	0	2,909,372	*	0
4800 MARKETING SYSTEMS	1	0.0	4,151	34,712	*	0
6100 WEEDS	2	0.6	76,635	221,909	*	30
6300 BIO CELL SYSTEMS	4	2.4	0	797,061	*	1,631
6400 EXP DESIGN/STAT METHOD	2	0.5	27,661	42,178	*	0
6500 INVERTEBRATES	4	0.8	6,534	236,497	*	100,629
6600 MICROORGANISMS VIRUSES	15	3.5	82,025	718,005	*	133,333
6700 PLANTS	30	8.0	326,816	2,226,620	*	215,082
6800 ANIMALS(VERTEBRATES)	20	6.4	216,194	1,536,259	*	94,727
7000 RSCH EQUIP & TECHNOLOGY	5	2.2	75,418	510,216	*	25,464
TOTAL		158.3	3,912,241	38,614,464	*	3,581,358

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- MINNESOTA ST PAUL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	25	9.8	180,001	2,234,722	*	273,599
0200 WATER	10	2.1	77,099	700,619	*	32,998
0300 WATERSHEDS RIVER BAS	3	1.6	19,903	253,561	*	16,948
0400 AIR AND CLIMATE	5	2.5	32,899	560,876	*	41,298
0500 RECREATION RESOURCES	2	0.7	21,981	81,679	*	0
0600 TIMBER FORST PRODUCT	44	18.0	451,606	3,467,829	*	421,241
0800 WILDLIFE AND FISH	10	5.3	66,008	847,541	*	14,662
1000 FRUIT NUTS DECIDUCUS	8	3.5	2,720	660,687	*	0
1100 POTATOES	15	5.7	69,602	1,090,577	*	31,616
1200 VEGETABLES	26	7.6	93,149	1,436,268	*	99,879
1300 ORNAMENTALS TURF	13	4.2	75,761	958,602	*	2,570
1400 CORN	36	11.2	321,391	2,635,188	*	84,251
1600 RICE	6	2.6	0	677,071	*	0
1700 WHEAT	14	2.6	63,816	694,054	*	40,470
1800 OTHER SMALL GRAINS	11	5.0	82,395	1,154,542	*	43,986
2000 FORAGE CROPS	20	4.2	226,353	1,206,013	*	135,248
2300 SOYBEANS	24	5.7	81,406	1,378,018	*	55,703
2400 PEANUTS	2	0.1	3,393	22,115	*	0
2500 OTHER OILSEED CROPS	3	0.6	3,393	110,414	*	0
2700 SUGAR CROPS	2	1.2	1,698	165,882	*	0
2900 POULTRY	19	7.5	249,629	1,738,066	*	76,520
3000 BEEF CATTLE	16	5.1	103,865	1,226,043	*	10,008
3100 DAIRY CATTLE	31	9.8	415,843	3,440,191	*	37,323
3200 SWINE	29	10.0	243,078	2,341,964	*	0
3300 SHEEP AND WOOL	6	2.2	44,104	627,351	*	10,008
3400 OTHER ANIMALS	1	0.1	0	31,115	*	0
3500 BEES AND HONEY	1	0.6	0	96,492	*	0
3600 FARM SUPP & FACILITS	1	0.5	33,679	223,437	*	16,876
3700 CLOTHING & TEXTILES	4	2.9	37,968	295,841	*	0
3800 FOOD	24	7.6	251,292	1,688,196	*	31,894
3900 HOUSING & EQUIP	4	0.8	2,525	110,775	*	0
4000 PEOPLE AS INDIVIDUALS	13	4.8	56,860	566,013	*	7,113
4100 FAMILY MEMBERS	10	4.2	52,597	917,885	*	0
4200 FARM AS BUSINESS	4	0.7	72,494	228,450	*	45,696
4300 SOC POLIT ORGANIZ	11	2.0	136,910	384,233	*	107,528
4400 AGRIC ECONOMY U S	6	2.9	117,625	601,226	*	63,315
4500 AGRIC ECONOMY FORGN	1	0.5	16,338	50,535	*	332
4700 OTH MARKET PROCESS	2	0.2	368	62,942	*	0
4800 MARKETING SYSTEMS	5	1.3	64,622	251,081	*	13,781
6100 WEEDS	3	3.3	100,668	818,809	*	1,793
6300 BIO CELL SYSTEMS	7	1.7	75,331	545,536	*	48,699
6400 EXP DESIGN/STAT METHOD	5	1.6	41,028	321,429	*	23,273
6500 INVERTEBRATES	4	1.3	35,612	282,707	*	15,686
6600 MICROORGANISMS VIRUSES	7	0.7	8,316	407,962	*	85,225
6700 PLANTS	13	2.4	25,038	685,779	*	136,607
6800 ANIMALS (VERTEBRATES)	7	1.7	145,820	585,100	*	9,310
6900 RESEARCH ON RSCH MGMT	5	1.2	114,080	332,835	*	16,037
7000 RSCH EQUIP & TECHNOLOGY	2	0.8	0	204,664	*	0
TOTAL		173.0	4,320,266	39,402,919	*	2,051,495

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- MISSISSIPPI STATE COLLEGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	19	5.8	109,967	1,219,562	*	157,278
0200 WATER	11	1.9	54,276	324,190	*	51,275
0300 WATERSHEDS RIVER BAS	3	0.1	665	33,393	*	16,066
0400 AIR AND CLIMATE	1	0.8	5,705	13,339	*	0
0600 TIMBER FORST PRODUCT	49	28.8	391,318	5,653,773	*	926,585
0800 WILDLIFE AND FISH	52	24.5	98,549	5,335,529	*	1,001,194
1000 FRUIT NUTS DECIDUCUS	14	5.4	349,417	1,076,143	*	59,869
1100 POTATOES	1	0.1	5,742	13,799	*	0
1200 VEGETABLES	13	3.7	202,362	677,238	*	48
1300 ORNAMENTALS TURF	5	4.9	269,154	714,951	*	0
1400 CORN	16	1.5	26,613	309,129	*	25,552
1500 GRAIN SORGHUM	11	4.1	67,338	1,590,509	*	7,507
1600 RICE	10	4.4	92,312	735,850	*	3,353
1700 WHEAT	11	2.6	68,063	277,265	*	7,789
1900 PASTURE	2	1.3	53,362	182,768	*	0
2000 FORAGE CROPS	17	5.3	208,994	804,667	*	30,321
2100 COTTON	37	16.6	317,851	2,365,710	*	96,862
2300 SOYBEANS	48	14.2	169,981	2,532,758	*	111,829
2500 OTHER OILSEED CROPS	2	0.4	17,257	68,033	*	340
2900 POULTRY	25	9.9	256,602	1,343,442	*	23,408
3000 BEEF CATTLE	17	8.2	338,366	2,271,474	*	230
3100 DAIRY CATTLE	21	7.9	208,985	2,236,313	*	4,986
3200 SWINE	9	2.1	91,338	617,632	*	9,308
3300 SHEEP AND WOOL	3	0.8	10,733	139,129	*	0
3400 OTHER ANIMALS	2	0.4	6,808	26,426	*	0
3600 FARM SUPP & FACILITS	1	0.1	0	66,013	*	0
3800 FOOD	1	0.5	17,648	79,040	*	0
3900 HOUSING & EQUIP	1	0.0	1,342	86,483	*	0
4000 PEOPLE AS INDIVIDUALS	5	0.7	6,152	63,963	*	0
4100 FAMILY MEMBERS	2	0.7	3,790	101,353	*	56,451
4200 FARM AS BUSINESS	8	3.4	87,783	346,889	*	9,096
4300 SOC POLIT ORGANIZ	7	2.0	25,316	249,470	*	95,761
4400 AGRIC ECONOMY U S	2	0.0	0	1,943	*	0
4600 FARM COOPERATIVES	1	0.3	4,049	18,604	*	0
4700 OTH MARKET PROCESS	1	0.0	0	2,088	*	0
4800 MARKETING SYSTEMS	4	2.0	61,120	201,654	*	0
6100 WEEDS	1	0.0	0	2,534	*	1,117
6200 SEED RESEARCH	6	1.8	41,823	191,297	*	192
6500 INVERTEBRATES	8	4.1	43,913	427,400	*	71,100
6600 MICROORGANISMS VIRUSES	1	0.0	0	2,534	*	1,117
6700 PLANTS	9	2.2	30,308	970,077	*	118,118
6800 ANIMALS (VERTEBRATES)	7	6.0	42,315	928,523	*	1,117
6900 RESEARCH ON RSCH MGMT	2	0.2	0	15,081	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.2	5,105	18,637	*	2,066
TOTAL		180.2	3,792,422	34,332,608	*	2,889,933

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- MISSOURI COLUMBIA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	19	6.8	181,033	1,240,925	*	145,625
0200 WATER	7	1.8	52,108	249,740	*	12,798
0300 WATERSHEDS RIVER BAS	1	2.5	34,624	196,289	*	16,623
0400 AIR AND CLIMATE	5	2.2	119,545	723,341	*	0
0600 TIMBER FORST PRODUCT	18	7.4	179,362	944,391	*	97,342
0800 WILDLIFE AND FISH	8	4.7	51,547	733,952	*	12,334
1000 FRUIT NUTS DECIDUOUS	13	3.6	118,195	712,370	*	0
1100 POTATOES	2	0.1	7,894	48,393	*	0
1200 VEGETABLES	6	0.6	37,755	201,159	*	0
1300 ORNAMENTALS TURF	8	2.9	84,793	634,663	*	0
1400 CORN	22	5.4	191,141	1,197,033	*	74,148
1500 GRAIN SORGHUM	8	0.7	19,361	184,362	*	1,312
1600 RICE	1	0.0	5,066	17,040	*	0
1700 WHEAT	11	3.7	85,973	568,183	*	28,733
1800 OTHER SMALL GRAINS	3	0.2	14,700	76,547	*	0
1900 PASTURE	3	0.5	11,228	60,940	*	4,391
2000 FORAGE CROPS	18	5.9	280,785	1,144,381	*	52,957
2100 COTTON	4	0.6	32,526	192,174	*	0
2300 SOYBEANS	35	10.1	164,863	1,690,483	*	460,194
2500 OTHER OILSEED CROPS	1	0.1	13,758	28,698	*	0
2900 POULTRY	14	3.1	225,181	783,296	*	832
3000 BEEF CATTLE	41	8.3	530,161	2,229,027	*	92,504
3100 DAIRY CATTLE	26	4.8	234,380	1,999,145	*	16,167
3200 SWINE	23	5.4	354,903	1,645,964	*	106,461
3300 SHEEP AND WOOL	12	1.7	63,228	510,557	*	8,925
3400 OTHER ANIMALS	11	1.9	186,792	629,837	*	399
3600 FARM SUPP & FACILITS	2	0.5	3,213	109,161	*	0
3800 FOOD	9	3.1	84,390	585,494	*	160,599
3900 HOUSING & EQUIP	3	2.1	20,852	289,047	*	812
4000 PEOPLE AS INDIVIDUALS	9	1.4	16,954	266,499	*	35,373
4100 FAMILY MEMBERS	6	1.2	32,341	130,455	*	0
4200 FARM AS BUSINESS	8	2.0	26,181	364,483	*	7,155
4300 SOC POLIT ORGANIZ	9	5.3	103,082	575,393	*	16,324
4400 AGRIC ECONOMY U S	8	2.1	39,975	338,643	*	41,972
4500 AGRIC ECONOMY FORGN	2	0.2	10,093	70,054	*	0
4600 FARM COOPERATIVES	2	1.4	13,943	140,058	*	11,971
4700 OTH MARKET PROCESS	2	0.2	3,498	22,637	*	0
4800 MARKETING SYSTEMS	5	1.1	7,423	132,576	*	28,808
6100 WEEDS	2	0.4	2,588	66,990	*	0
6200 SEED RESEARCH	4	0.8	1,440	340,611	*	4,912
6300 BIO CELL SYSTEMS	10	2.8	80,141	652,395	*	1,965
6500 INVERTEBRATES	5	0.7	48,852	261,280	*	1,241
6600 MICROORGANISMS VIRUSES	13	2.5	89,226	553,884	*	110,118
6700 PLANTS	24	5.8	162,994	1,122,219	*	111,503
6800 ANIMALS (VERTEBRATES)	10	2.4	81,412	512,191	*	16,430
TOTAL		121.2	4,109,498	25,176,961	*	1,680,529

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- MONTANA BOZEMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	14	3.7	52,743	492,086	*	14,550
0200 WATER	8	1.1	11,408	108,650	*	0
0300 WATERSHEDS RIVER BAS	2	0.3	3,055	76,685	*	0
0400 AIR AND CLIMATE	3	0.4	10,917	32,753	*	0
0600 TIMBER FORST PRODUCT	2	0.3	5,368	27,277	*	0
0700 RANGE	18	3.9	113,803	534,194	*	13,950
0800 WILDLIFE AND FISH	1	0.4	9,090	55,251	*	0
1000 FRUIT NUTS DECIDUOUS	3	1.1	44,332	80,295	*	0
1100 POTATOES	1	0.0	0	5,681	*	0
1200 VEGETABLES	13	2.0	19,314	311,926	*	8,724
1300 ORNAMENTALS TURF	4	0.7	14,732	46,919	*	0
1400 CORN	4	0.7	7,917	164,218	*	0
1500 GRAIN SORGHUM	2	0.0	0	20,741	*	0
1700 WHEAT	43	10.9	236,721	1,824,790	*	49,284
1800 OTHER SMALL GRAINS	36	9.0	235,253	1,301,493	*	79,237
1900 PASTURE	4	0.8	34,069	88,318	*	0
2000 FORAGE CROPS	28	5.6	71,619	723,047	*	151
2300 SOYBEANS	1	0.0	9,827	76,589	*	0
2500 OTHER OILSEED CROPS	6	0.6	35,439	267,994	*	0
2700 SUGAR CROPS	2	0.7	0	136,373	*	0
2800 MISC NEW CROPS	3	0.3	4,619	20,150	*	0
2900 POULTRY	1	0.1	6,625	12,683	*	0
3000 BEEF CATTLE	33	9.4	232,254	2,377,593	*	416,990
3100 DAIRY CATTLE	11	1.4	57,479	129,499	*	13,809
3200 SWINE	6	1.0	78,741	274,053	*	0
3300 SHEEP AND WOOL	9	4.8	117,719	723,424	*	0
3400 OTHER ANIMALS	4	1.0	72,847	146,083	*	0
3600 FARM SUPP & FACILITS	1	0.5	0	56,773	*	0
3900 HOUSING & EQUIP	1	0.3	13,389	18,574	*	0
4000 PEOPLE AS INDIVIDUALS	6	1.0	26,968	134,226	*	0
4100 FAMILY MEMBERS	3	0.8	25,243	52,898	*	0
4200 FARM AS BUSINESS	2	0.5	19,327	73,579	*	0
4400 AGRIC ECONOMY U S	2	1.3	25,738	90,958	*	0
6100 WEEDS	8	1.5	58,366	137,299	*	2,222
6200 SEED RESEARCH	4	0.8	3,768	67,657	*	0
6300 BIO CELL SYSTEMS	2	0.5	0	9,826	*	0
6500 INVERTEBRATES	7	1.7	47,434	302,433	*	0
6600 MICROORGANISMS VIRUSES	8	1.0	31,328	83,144	*	0
6700 PLANTS	9	1.8	18,250	233,149	*	9,481
6800 ANIMALS (VERTEBRATES)	1	0.5	0	53,580	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.2	0	7,800	*	0
TOTAL		72.9	1,755,701	11,380,664	*	608,398

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- N MARIANAS SAIPAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
1200 VEGETABLES	2	0.0	224,568	224,568	*	0
TOTAL		0.0	224,568	224,568	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NEBRASKA LINCOLN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	35	7.6	131,480	1,608,502	*	315,373
0200 WATER	25	5.7	93,288	1,022,277	*	134,613
0300 WATERSHEDS RIVER BAS	1	0.0	0	10,215	*	9,827
0400 AIR AND CLIMATE	4	1.4	20,676	173,682	*	0
0600 TIMBER FORST PRODUCT	8	1.9	72,931	289,105	*	0
0700 RANGE	13	1.6	40,968	414,595	*	28,812
0800 WILDLIFE AND FISH	4	0.9	7,063	143,127	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.2	1,942	28,834	*	0
1100 POTATOES	4	0.5	19,917	109,686	*	0
1200 VEGETABLES	15	3.2	61,351	715,430	*	0
1300 ORNAMENTALS TURF	10	3.2	52,135	584,975	*	0
1400 CORN	69	12.7	278,715	2,011,770	*	73,198
1500 GRAIN SORGHUM	47	7.0	139,475	1,210,987	*	40,030
1700 WHEAT	35	6.7	144,916	1,174,628	*	127,989
1800 OTHER SMALL GRAINS	18	2.4	62,434	516,285	*	7,064
1900 PASTURE	5	0.2	5,322	49,841	*	707
2000 FORAGE CROPS	25	3.6	116,717	683,448	*	38,310
2300 SOYBEANS	37	6.5	158,283	1,109,487	*	10,087
2500 OTHER OILSEED CROPS	1	0.0	2,439	6,037	*	0
2700 SUGAR CROPS	11	1.7	23,125	284,187	*	0
2800 MISC NEW CROPS	3	0.5	6,190	82,579	*	672
2900 POULTRY	11	3.8	94,020	778,729	*	3,944
3000 BEEF CATTLE	55	17.0	544,149	7,753,972	*	1,089,402
3100 DAIRY CATTLE	19	3.3	94,759	916,283	*	37,889
3200 SWINE	33	10.7	273,515	3,526,282	*	379,718
3300 SHEEP AND WOOL	8	1.4	13,496	1,039,737	*	241,298
3400 OTHER ANIMALS	3	0.7	8,522	177,789	*	3,922
3600 FARM SUPP & FACILITS	2	0.6	0	268,718	*	18,609
3700 CLOTHING & TEXTILES	2	0.2	17,330	54,980	*	0
3800 FOOD	12	2.7	77,089	437,411	*	0
3900 HOUSING & EQUIP	7	1.3	24,254	188,887	*	9,304
4000 PEOPLE AS INDIVIDUALS	9	3.3	19,162	433,100	*	0
4100 FAMILY MEMBERS	12	2.9	41,882	237,754	*	0
4200 FARM AS BUSINESS	2	0.3	2,580	66,197	*	0
4300 SOC POLIT ORGANIZ	1	0.1	895	6,595	*	0
4400 AGRIC ECONOMY U S	2	1.1	20,204	90,915	*	0
4600 FARM COOPERATIVES	1	0.5	2,880	59,633	*	22,396
4800 MARKETING SYSTEMS	1	0.4	15,570	56,142	*	0
6100 WEEDS	5	0.7	17,062	96,432	*	0
6200 SEED RESEARCH	1	1.0	0	469,305	*	0
6300 BIO CELL SYSTEMS	1	0.2	2,103	28,678	*	0
6400 EXP DESIGN/STAT METHOD	2	2.1	0	275,066	*	0
6500 INVERTEBRATES	2	1.1	20,625	112,199	*	0
6600 MICROORGANISMS VIRUSES	7	2.2	29,437	335,030	*	8,489
6700 PLANTS	27	8.6	161,900	1,827,062	*	176,084
6800 ANIMALS(VERTEBRATES)	4	1.0	5,751	283,031	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.0	1,600	6,956	*	0
TOTAL		135.1	2,924,153	31,748,519	*	2,777,736

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NEVADA RENO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	12	1.8	48,888	188,356	*	6,440
0200 WATER	8	1.7	55,751	300,398	*	3,770
0300 WATERSHEDS RIVER BAS	6	1.2	25,179	125,824	*	3,548
0600 TIMBER FORST PRODUCT	3	0.6	26,368	86,812	*	0
0700 RANGE	16	2.9	102,470	464,602	*	19,230
0800 WILDLIFE AND FISH	9	2.6	48,609	341,152	*	308
1000 FRUIT NUTS DECIDUOUS	1	0.1	9,843	23,782	*	0
1100 POTATOES	1	0.0	0	1,054	*	578
1200 VEGETABLES	2	0.2	0	1,624	*	578
1300 ORNAMENTALS TURF	2	0.5	6,536	54,974	*	0
1700 WHEAT	2	0.0	1,996	4,094	*	578
1800 OTHER SMALL GRAINS	1	0.0	0	1,054	*	578
2000 FORAGE CROPS	15	2.9	108,353	298,120	*	10,681
2100 COTTON	1	0.0	252	895	*	0
3000 BEEF CATTLE	26	5.9	244,373	1,220,174	*	55,802
3100 DAIRY CATTLE	10	1.6	76,984	417,874	*	42,499
3200 SWINE	2	0.1	3,320	12,199	*	4,053
3300 SHEEP AND WOOL	5	1.0	49,894	171,461	*	0
3400 OTHER ANIMALS	1	0.5	31,009	259,403	*	0
3500 BEES AND HONEY	1	0.7	0	5,092	*	166
3700 CLOTHING & TEXTILES	1	0.1	2,272	8,053	*	0
3800 FOOD	2	0.5	18,482	67,574	*	0
3900 HOUSING & EQUIP	1	0.1	5,451	10,165	*	0
4000 PEOPLE AS INDIVIDUALS	3	0.9	15,848	71,622	*	0
4100 FAMILY MEMBERS	3	0.5	17,969	69,566	*	0
4200 FARM AS BUSINESS	2	0.4	11,190	19,953	*	0
4300 SOC POLIT ORGANIZ	7	0.9	21,967	166,647	*	0
4400 AGRIC ECONOMY U S	1	0.0	0	2,839	*	0
6100 WEEDS	1	0.0	0	10,350	*	5,542
6300 BIO CELL SYSTEMS	4	0.8	41,427	150,841	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	8,539	70,904	*	0
6500 INVERTEBRATES	14	2.8	25,929	538,070	*	66,572
6600 MICROORGANISMS VIRUSES	2	0.3	13,328	45,977	*	1,287
6700 PLANTS	6	0.5	15,740	63,314	*	2,742
6800 ANIMALS (VERTEBRATES)	4	1.2	3,249	125,501	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	8,539	70,904	*	0
TOTAL		33.8	1,049,756	5,471,224	*	224,956

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NEW HAMPSHIRE DURHAM SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	4	0.7	18,072	48,341	*	0
0200 WATER	5	0.9	29,855	66,620	*	0
0300 WATERSHEDS RIVER BAS	2	0.1	5,122	16,628	*	0
0500 RECREATION RESOURCES	1	0.1	11,105	16,730	*	0
0600 TIMBER FORST PRODUCT	16	4.9	194,191	463,059	*	0
0800 WILDLIFE AND FISH	5	1.5	85,979	208,757	*	0
1000 FRUIT NUTS DECIDUOUS	5	1.5	57,585	101,540	*	0
1200 VEGETABLES	5	2.3	115,512	279,740	*	0
1300 ORNAMENTALS TURF	3	0.6	8,560	88,347	*	0
1400 CORN	1	0.5	21,522	47,292	*	0
2000 FORAGE CROPS	4	1.6	114,978	407,495	*	0
2300 SOYBEANS	1	0.5	50,357	90,558	*	0
2500 OTHER OILSEED CROPS	1	0.1	4,701	13,976	*	0
2900 POULTRY	3	1.9	107,274	320,801	*	0
3000 BEEF CATTLE	1	0.2	3,138	8,181	*	0
3100 DAIRY CATTLE	6	1.4	136,819	276,627	*	0
3200 SWINE	1	1.7	81,417	148,511	*	0
3300 SHEEP AND WOOL	1	0.2	3,138	8,181	*	0
3400 OTHER ANIMALS	1	0.2	4,707	12,271	*	0
3900 HOUSING & EQUIP	2	0.1	8,052	11,932	*	0
4000 PEOPLE AS INDIVIDUALS	6	0.7	19,123	63,674	*	0
4100 FAMILY MEMBERS	3	0.3	2,693	34,141	*	0
4300 SOC POLIT ORGANIZ	5	1.1	34,447	120,501	*	0
6100 WEEDS	1	0.0	1,898	2,036	*	0
6300 BIO CELL SYSTEMS	2	0.7	16,382	89,456	*	0
6400 EXP DESIGN/STAT METHOD	1	0.0	1,761	2,208	*	0
6500 INVERTEBRATES	4	1.4	38,314	97,872	*	0
6600 MICROORGANISMS VIRUSES	2	0.9	42,250	109,927	*	0
6700 PLANTS	4	0.5	37,846	79,499	*	0
6800 ANIMALS (VERTEBRATES)	6	1.9	79,696	175,525	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.1	12,905	16,779	*	0
TOTAL		28.8	1,349,397	3,423,206	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NEW JERSEY NEW BRUNSWICK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	20	4.7	50,213	678,156	*	0
0200 WATER	12	5.6	25,109	795,226	*	0
0400 AIR AND CLIMATE	3	0.8	10,271	104,103	*	0
0600 TIMBER FORST PRODUCT	13	3.6	151,381	442,343	*	0
0800 WILDLIFE AND FISH	14	2.9	16,504	789,882	*	0
0900 CITRUS SUB TROP FRUT	1	0.0	4,681	9,234	*	0
1000 FRUIT NUTS DECIDUCUS	33	8.8	345,656	1,452,752	*	33,308
1100 POTATOES	8	1.2	50,148	222,723	*	5,699
1200 VEGETABLES	33	9.5	344,533	1,599,912	*	13,272
1300 ORNAMENTALS TURF	9	4.0	69,176	725,674	*	0
1400 CORN	9	1.7	28,469	222,039	*	0
1700 WHEAT	1	0.1	1,159	12,770	*	0
1800 OTHER SMALL GRAINS	1	0.2	3,476	38,309	*	0
2000 FORAGE CROPS	5	0.7	11,755	106,263	*	0
2200 COTTONSEED	1	0.0	0	5,526	*	0
2300 SOYBEANS	6	0.6	12,837	104,102	*	0
2400 PEANUTS	1	0.0	0	5,526	*	0
2700 SUGAR CROPS	1	0.0	0	8,828	*	0
2900 POULTRY	11	1.9	70,997	694,868	*	24,283
3100 DAIRY CATTLE	7	1.5	69,758	333,778	*	0
3200 SWINE	1	0.1	0	81,019	*	0
3300 SHEEP AND WOOL	2	0.8	15,761	132,720	*	0
3400 OTHER ANIMALS	2	0.4	9,360	107,169	*	0
3500 BEES AND HONEY	1	0.3	14,968	34,603	*	0
3600 FARM SUPP & FACILITS	4	0.3	34,162	115,101	*	0
3700 CLOTHING & TEXTILES	1	0.0	0	3,128	*	0
3800 FOOD	21	5.9	155,815	1,214,465	*	0
3900 HOUSING & EQUIP	5	1.3	64,899	353,473	*	0
4000 PEOPLE AS INDIVIDUALS	21	4.9	65,307	966,103	*	3,323
4200 FARM AS BUSINESS	4	0.7	15,543	100,583	*	0
4300 SOC POLIT ORGANIZ	3	0.4	33,971	73,320	*	0
4400 AGRIC ECONOMY U S	2	0.3	9,579	48,912	*	0
4500 AGRIC ECONOMY FORGN	1	1.0	0	99,369	*	0
4800 MARKETING SYSTEMS	1	0.1	3,854	27,305	*	0
6100 WEEDS	1	0.1	2,901	14,187	*	0
6300 BIO CELL SYSTEMS	15	5.4	98,631	809,089	*	14,247
6400 EXP DESIGN/STAT METHOD	4	1.4	1,086	433,305	*	0
6500 INVERTEBRATES	14	4.2	87,731	411,372	*	0
6600 MICROORGANISMS VIRUSES	15	3.4	64,087	778,673	*	14,404
6700 PLANTS	13	7.3	342,559	776,947	*	247,314
6800 ANIMALS (VERTEBRATES)	7	1.6	26,766	290,107	*	29,786
6900 RESEARCH ON RSCH MGMT	3	0.3	22,267	104,740	*	0
7000 RSCH EQUIP & TECHNOLOGY	4	1.3	1,201	165,200	*	0
TOTAL		89.6	2,336,569	15,492,902	*	385,636

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NEW MEXICO UNIVERSITY PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	13	3.0	53,732	520,164	*	22,021
0200 WATER	16	2.4	37,392	480,537	*	44,814
0300 WATERSHEDS RIVER BAS	1	0.3	0	30,084	*	0
0400 AIR AND CLIMATE	1	0.1	0	26,520	*	0
0500 RECREATION RESOURCES	3	0.8	19,801	163,585	*	0
0600 TIMBER FORST PRODUCT	6	1.5	117,008	570,540	*	12,716
0700 RANGE	18	5.5	102,742	682,758	*	57,507
0800 WILDLIFE AND FISH	8	2.9	35,717	435,162	*	14,153
1000 FRUIT NUTS DECIDUCUS	12	2.3	9,163	308,738	*	0
1100 POTATOES	3	0.3	0	23,356	*	0
1200 VEGETABLES	23	6.6	62,285	1,003,670	*	7,299
1300 ORNAMENTALS TURF	4	0.8	48,073	173,467	*	0
1400 CORN	10	1.0	17,220	131,450	*	0
1500 GRAIN SORGHUM	12	1.1	5,708	194,418	*	0
1700 WHEAT	12	0.7	2,206	127,980	*	0
1800 OTHER SMALL GRAINS	7	0.4	827	54,767	*	0
1900 PASTURE	3	0.2	0	23,052	*	0
2000 FORAGE CROPS	26	5.0	188,158	1,069,509	*	314,747
2100 COTTON	15	3.4	204,610	536,009	*	0
2300 SOYBEANS	7	0.8	21,736	73,275	*	0
2400 PEANUTS	2	1.3	1,165	101,058	*	0
2500 OTHER OILSEED CROPS	4	0.1	0	26,176	*	0
2700 SUGAR CROPS	4	0.2	0	30,223	*	0
2800 MISC NEW CROPS	11	2.4	97,811	450,935	*	61,336
2900 POULTRY	2	0.7	0	67,892	*	0
3000 BEEF CATTLE	24	7.9	328,694	1,533,685	*	113,006
3100 DAIRY CATTLE	4	0.2	12,028	38,572	*	0
3300 SHEEP AND WOOL	10	2.0	29,848	228,635	*	1,916
3400 OTHER ANIMALS	3	0.1	3,071	33,701	*	0
3600 FARM SUPP & FACILITS	1	0.4	0	44,578	*	0
3700 CLOTHING & TEXTILES	1	0.3	0	22,599	*	0
3800 FOOD	1	0.4	6,146	41,446	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.0	4,257	20,201	*	0
4200 FARM AS BUSINESS	4	2.3	21,651	192,972	*	57,327
4300 SOC POLIT ORGANIZ	3	2.3	17,231	186,164	*	0
6100 WEEDS	1	0.0	8,477	11,393	*	0
6300 BIO CELL SYSTEMS	1	0.0	0	13,677	*	13,677
6500 INVERTEBRATES	1	0.9	31,386	80,362	*	0
6700 PLANTS	5	1.1	16,312	207,682	*	44,850
6800 ANIMALS (VERTEBRATES)	1	0.9	16,312	99,870	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	0.4	0	91,280	*	19,073
TOTAL		63.1	1,520,766	10,152,142	*	784,442

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NEW YORK GENEVA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	2	0.2	145	28,191	*	0
0200 WATER	1	0.1	0	10,846	*	0
0800 WILDLIFE AND FISH	2	0.0	0	17,551	*	15,991
0900 CITRUS SUB TROP FRUT	1	0.0	1,389	10,685	*	0
1000 FRUIT NUTS DECIDUOUS	75	29.3	365,301	4,807,358	*	348,004
1100 POTATOES	1	0.4	0	30,675	*	7,905
1200 VEGETABLES	54	18.9	315,695	3,092,238	*	197,091
1300 ORNAMENTALS TURF	3	0.7	0	124,016	*	0
1400 CORN	1	0.5	0	52,754	*	0
1600 RICE	3	0.2	0	15,511	*	0
1700 WHEAT	2	0.1	0	5,732	*	0
1800 OTHER SMALL GRAINS	2	0.2	0	20,328	*	0
2000 FORAGE CROPS	2	0.1	39,072	55,669	*	0
2800 MISC NEW CROPS	1	0.1	0	3,794	*	0
2900 POULTRY	2	0.0	0	17,551	*	15,991
3800 FOOD	6	2.6	1,441	308,215	*	0
4100 FAMILY MEMBERS	1	0.5	852	32,331	*	0
6200 SEED RESEARCH	7	2.3	13,693	261,673	*	1,595
6300 BIO CELL SYSTEMS	1	0.2	0	22,552	*	0
6500 INVERTEBRATES	7	2.4	28,174	364,026	*	36,728
6700 PLANTS	4	1.1	1,198	249,414	*	53,797
6800 ANIMALS(VERTEBRATES)	2	0.0	0	23,401	*	21,321
TOTAL		60.0	766,961	9,554,510	*	698,422

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NEW YORK ITHACA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	51	12.3	166,513	2,585,571	*	374,164
0200 WATER	35	7.1	40,188	1,294,001	*	68,034
0400 AIR AND CLIMATE	5	3.6	48,122	536,190	*	49,744
0500 RECREATION RESOURCES	4	0.5	12,909	68,736	*	0
0600 TIMBER FORST PRODUCT	27	5.6	147,858	932,495	*	14,557
0800 WILDLIFE AND FISH	49	14.4	109,603	2,910,841	*	26,774
0900 CITRUS SUB TROP FRUT	3	0.0	6,693	42,976	*	0
1000 FRUIT NUTS DECIDUOUS	22	9.0	116,904	1,145,097	*	885
1100 POTATOES	35	7.3	168,623	1,869,125	*	370,387
1200 VEGETABLES	55	11.9	328,473	2,582,902	*	123,122
1300 ORNAMENTALS TURF	28	4.3	135,126	1,059,390	*	0
1400 CORN	24	4.7	115,323	946,565	*	48,401
1500 GRAIN SORGHUM	2	0.3	4,202	31,654	*	1,658
1600 RICE	3	0.1	1,463	41,238	*	1,561
1700 WHEAT	7	0.8	25,718	217,857	*	22
1800 OTHER SMALL GRAINS	8	3.5	43,417	439,180	*	32,411
1900 PASTURE	3	0.2	7,735	62,581	*	21,009
2000 FORAGE CROPS	20	3.7	134,180	1,046,675	*	40,784
2300 SOYBEANS	5	1.8	23,028	257,138	*	9,715
2800 MISC NEW CROPS	2	0.2	24,366	86,182	*	0
2900 POULTRY	29	9.3	204,661	1,768,114	*	8,226
3000 BEEF CATTLE	21	5.5	181,066	997,266	*	34,138
3100 DAIRY CATTLE	56	18.4	396,644	4,098,698	*	153,287
3200 SWINE	9	2.5	26,205	451,763	*	2,984
3300 SHEEP AND WOOL	6	0.7	29,489	270,094	*	12,605
3400 OTHER ANIMALS	7	1.4	14,105	222,586	*	13,072
3500 BEES AND HONEY	2	2.0	7,353	193,245	*	299
3600 FARM SUPP & FACILITS	7	3.1	29,123	576,596	*	0
3700 CLOTHING & TEXTILES	9	0.9	46,095	260,094	*	0
3800 FOOD	28	7.8	110,168	1,703,957	*	40,206
3900 HOUSING & EQUIP	11	2.1	33,704	269,339	*	0
4000 PEOPLE AS INDIVIDUALS	78	35.2	243,634	4,677,839	*	139,143
4100 FAMILY MEMBERS	15	5.0	18,992	471,069	*	0
4200 FARM AS BUSINESS	11	2.6	98,326	295,477	*	7,107
4300 SOC POLIT ORGANIZ	30	7.2	155,887	1,565,516	*	26,706
4400 AGRIC ECONOMY U S	9	1.0	40,620	207,230	*	2,752
4500 AGRIC ECONOMY FORGN	3	0.7	0	298,849	*	2,018
4600 FARM COOPERATIVES	1	0.4	55	47,526	*	13,169
4700 OTH MARKET PROCESS	2	0.4	0	47,934	*	0
4800 MARKETING SYSTEMS	6	0.6	38,657	121,892	*	0
6100 WEEDS	3	0.1	2,600	17,161	*	0
6200 SEED RESEARCH	3	2.5	13,432	334,231	*	0
6300 BIO CELL SYSTEMS	36	19.4	143,153	3,000,013	*	45,686
6400 EXP DESIGN/STAT METHOD	21	4.9	73,659	651,743	*	35,414
6500 INVERTEBRATES	27	11.8	124,736	1,427,755	*	21,423
6600 MICROORGANISMS VIRUSES	39	12.7	76,149	2,454,931	*	251,994
6700 PLANTS	38	11.5	123,399	2,281,732	*	227,069
6800 ANIMALS(VERTEBRATES)	20	6.4	80,109	1,047,030	*	116,243
6900 RESEARCH ON RSCH MGMT	2	0.1	3,969	90,237	*	0
7000 RSCH EQUIP & TECHNOLOGY	9	6.3	11,768	554,308	*	18
TOTAL		273.8	3,984,199	48,560,621	*	2,336,745

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NORTH CAROLINA RALEIGH SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	45	11.9	181,306	2,443,048	*	233,949
0200 WATER	15	3.8	127,652	601,967	*	0
0300 WATERSHEDS RIVER BAS	4	0.7	29,893	175,203	*	0
0400 AIR AND CLIMATE	2	0.4	20,921	149,610	*	33,119
0500 RECREATION RESOURCES	4	1.3	17,014	228,888	*	16,021
0600 TIMBER FORST PRODUCT	38	23.5	360,317	4,870,661	*	1,074,368
0700 RANGE	1	0.0	0	199	*	0
0800 WILDLIFE AND FISH	28	6.1	132,254	1,512,426	*	3,240
1000 FRUIT NUTS DECIDUCUS	51	14.9	512,038	3,515,337	*	55,385
1100 POTATOES	13	2.1	35,748	737,660	*	0
1200 VEGETABLES	52	14.4	257,967	3,997,259	*	145,866
1300 ORNAMENTALS TURF	26	6.4	253,152	1,508,119	*	1,237
1400 CORN	53	13.9	323,831	3,944,282	*	187,897
1500 GRAIN SORGHUM	1	0.0	0	25,056	*	0
1600 RICE	3	2.4	10,608	1,011,420	*	38
1700 WHEAT	10	1.5	16,936	367,282	*	4,118
1800 OTHER SMALL GRAINS	5	0.9	11,086	289,726	*	0
1900 PASTURE	4	0.1	2,439	91,628	*	0
2000 FORAGE CROPS	22	3.1	103,207	1,275,121	*	1,798
2100 COTTON	16	2.2	81,694	451,247	*	11,619
2300 SOYBEANS	59	9.2	263,090	2,121,429	*	133,926
2400 PEANUTS	29	5.1	106,857	1,790,187	*	8,159
2500 OTHER OILSEED CROPS	1	0.1	760	11,568	*	0
2600 TOBACCO	62	19.8	370,745	5,875,765	*	10,147
2800 MISC NEW CROPS	4	0.4	11,976	103,680	*	0
2900 POULTRY	56	16.6	514,053	3,900,793	*	139,492
3000 BEEF CATTLE	38	6.3	211,593	2,089,852	*	43,743
3100 DAIRY CATTLE	41	10.4	402,596	2,971,294	*	107,706
3200 SWINE	38	10.6	293,753	2,706,184	*	166,991
3300 SHEEP AND WOOL	10	0.7	20,006	439,715	*	102,653
3400 OTHER ANIMALS	14	3.4	114,852	866,715	*	27,431
3500 BEES AND HONEY	2	0.3	0	87,021	*	0
3700 CLOTHING & TEXTILES	4	0.7	28,296	85,688	*	0
3800 FOOD	12	2.3	77,595	370,669	*	2,477
3900 HOUSING & EQUIP	6	1.3	34,441	177,570	*	0
4000 PEOPLE AS INDIVIDUALS	20	3.1	103,877	395,335	*	1,870
4100 FAMILY MEMBERS	7	1.3	44,609	129,523	*	0
4200 FARM AS BUSINESS	6	1.2	29,872	137,951	*	4,012
4300 SOC POLIT ORGANIZ	11	2.5	82,280	297,197	*	0
4400 AGRIC ECONOMY U S	2	1.4	42,683	199,241	*	13,205
4700 OTH MARKET PROCESS	1	0.0	0	13,877	*	0
6100 WEEDS	9	0.8	34,988	287,041	*	749
6200 SEED RESEARCH	1	1.0	3,264	84,029	*	0
6300 BIO CELL SYSTEMS	21	4.4	76,874	1,132,169	*	17,020
6400 EXP DESIGN/STAT METHOD	10	4.0	26,378	593,510	*	101,854
6500 INVERTEBRATES	28	7.8	136,801	1,384,988	*	186,606
6600 MICROORGANISMS VIRUSES	26	5.3	101,019	1,345,512	*	133,291
6700 PLANTS	41	8.3	47,732	3,115,781	*	440,855
6800 ANIMALS(VERTEBRATES)	19	4.0	89,641	1,140,242	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	0.7	24,807	168,892	*	5,015
TOTAL		242.7	5,773,102	61,219,560	*	3,415,858

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NORTH DAKOTA FARGO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	23	10.7	117,808	1,245,277	*	500
0200 WATER	11	5.0	80,824	554,192	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	1,106	11,133	*	0
0400 AIR AND CLIMATE	4	0.8	12,938	124,246	*	1,930
0500 RECREATION RESOURCES	1	0.2	0	25,034	*	1,240
0600 TIMBER FORST PRODUCT	2	1.3	70,598	276,310	*	14,064
0700 RANGE	13	4.3	100,955	937,765	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.0	0	3,494	*	0
1100 POTATOES	16	6.3	110,454	1,068,937	*	217,708
1200 VEGETABLES	24	3.8	44,931	648,434	*	59,453
1300 ORNAMENTALS TURF	3	0.0	657	20,575	*	0
1400 CORN	21	2.1	34,387	339,822	*	0
1700 WHEAT	59	15.8	305,880	2,937,417	*	37,113
1800 OTHER SMALL GRAINS	48	9.8	154,112	1,753,855	*	7,210
1900 PASTURE	2	0.2	6,799	25,538	*	0
2000 FORAGE CROPS	14	2.8	37,326	373,181	*	0
2100 COTTON	1	0.1	0	55,919	*	0
2300 SOYBEANS	10	1.7	8,744	291,108	*	0
2500 OTHER OILSEED CROPS	39	10.0	90,853	1,338,798	*	176,498
2700 SUGAR CROPS	6	2.3	59,398	313,627	*	0
2800 MISC NEW CROPS	5	0.4	0	55,759	*	0
2900 POULTRY	1	0.5	16,871	105,484	*	0
3000 BEEF CATTLE	27	9.9	192,246	1,700,151	*	11,081
3100 DAIRY CATTLE	6	2.1	67,801	528,438	*	0
3200 SWINE	13	3.1	83,630	558,997	*	0
3300 SHEEP AND WOOL	9	2.1	53,205	452,632	*	0
3400 OTHER ANIMALS	1	0.2	7,845	58,193	*	0
3600 FARM SUPP & FACILITS	1	0.4	23,124	100,226	*	0
3700 CLOTHING & TEXTILES	1	0.1	2,215	15,657	*	0
3800 FOOD	2	0.7	9,964	117,865	*	0
3900 HOUSING & EQUIP	2	0.2	0	18,706	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.5	0	159,505	*	0
4100 FAMILY MEMBERS	2	0.7	0	42,124	*	0
4200 FARM AS BUSINESS	5	3.2	30,152	233,699	*	3,860
4300 SOC POLIT ORGANIZ	6	5.2	47,439	390,109	*	10,340
4400 AGRIC ECONOMY U S	3	2.0	22,806	231,364	*	0
4600 FARM COOPERATIVES	1	0.5	0	53,600	*	0
4800 MARKETING SYSTEMS	5	4.4	42,322	504,527	*	173
6100 NEEDS	4	3.2	38,366	360,772	*	0
6300 BIO CELL SYSTEMS	7	2.2	40,123	277,987	*	50,341
6400 EXP DESIGN/STAT METHOD	1	1.1	0	92,920	*	9,650
6500 INVERTEBRATES	5	1.1	12,436	122,656	*	19,018
6600 MICROORGANISMS VIRUSES	8	2.8	59,850	313,999	*	0
6700 PLANTS	12	2.6	31,399	346,764	*	114,177
6800 ANIMALS(VERTEBRATES)	6	4.8	28,640	967,994	*	3,712
7000 RSCH EQUIP & TECHNOLOGY	1	0.3	0	17,841	*	7,139
TOTAL		131.8	2,048,207	20,172,631	*	745,207

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- OHIO WOOSTER SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	25	10.6	358,684	1,902,646	*	2,142
0200 WATER	10	2.0	59,690	407,821	*	1,071
0300 WATERSHEDS RIVER BAS	2	0.7	20,502	70,311	*	2,410
0400 AIR AND CLIMATE	2	0.7	22,603	185,648	*	1,071
0500 RECREATION RESOURCES	7	0.9	3,998	233,577	*	0
0600 TIMBER FORST PRODUCT	33	12.0	278,331	1,828,803	*	38,415
0800 WILDLIFE AND FISH	2	0.8	10,371	101,591	*	0
0900 CITRUS SUB TROP FRUT	1	0.0	0	210	*	0
1000 FRUIT NUTS DECIDUOUS	31	9.0	324,926	2,908,063	*	49,755
1100 POTATOES	6	1.2	22,917	262,790	*	46,382
1200 VEGETABLES	26	8.7	396,162	1,616,822	*	0
1300 ORNAMENTALS TURF	24	7.0	327,957	1,404,807	*	23,374
1400 CORN	29	8.9	383,914	1,832,101	*	117,562
1700 WHEAT	7	1.3	54,881	304,380	*	0
1800 OTHER SMALL GRAINS	5	1.0	30,425	235,629	*	0
1900 PASTURE	1	0.2	15,461	126,574	*	0
2000 FORAGE CROPS	9	3.1	136,825	832,509	*	0
2100 COTTON	1	0.3	13,320	31,898	*	0
2300 SOYBEANS	26	8.6	288,281	2,228,949	*	6,549
2500 OTHER OILSEED CROPS	6	1.1	29,965	144,261	*	0
2600 TOBACCO	1	0.2	0	84,197	*	0
2700 SUGAR CROPS	1	0.5	18,609	76,045	*	0
2900 POULTRY	25	8.0	373,047	2,502,340	*	200,482
3000 BEEF CATTLE	15	5.0	189,871	1,435,707	*	21,962
3100 DAIRY CATTLE	34	11.9	557,965	3,326,206	*	85,748
3200 SWINE	25	9.2	276,740	3,536,076	*	144,959
3300 SHEEP AND WOOL	5	3.1	126,443	934,028	*	0
3400 OTHER ANIMALS	3	0.7	14,200	177,378	*	0
3500 BEES AND HONEY	2	0.2	5,731	21,122	*	0
3600 FARM SUPP & FACILITS	3	1.7	31,642	279,013	*	0
3800 FOOD	8	2.2	88,098	255,266	*	0
3900 HOUSING & EQUIP	5	1.0	35,439	220,710	*	0
4000 PEOPLE AS INDIVIDUALS	13	2.1	27,688	346,597	*	0
4100 FAMILY MEMBERS	12	3.9	127,295	420,849	*	22,103
4200 FARM AS BUSINESS	6	2.2	56,326	297,100	*	14,735
4300 SOC POLIT ORGANIZ	5	1.7	26,449	338,874	*	0
4400 AGRIC ECONOMY U S	5	1.0	29,206	84,249	*	0
4600 FARM COOPERATIVES	1	0.0	0	1,700	*	0
4700 OTH MARKET PROCESS	1	0.0	0	1,700	*	0
4800 MARKETING SYSTEMS	3	0.3	8,052	32,659	*	1,674
6100 WEEDS	2	0.6	26,950	86,438	*	0
6300 BIO CELL SYSTEMS	3	0.5	1,512	59,037	*	0
6400 EXP DESIGN/STAT METHOD	1	0.0	0	10,670	*	0
6500 INVERTEBRATES	4	0.9	6,128	149,211	*	39,386
6600 MICROORGANISMS VIRUSES	9	1.8	20,558	373,078	*	114,662
6700 PLANTS	19	4.4	93,092	809,836	*	82,866
6800 ANIMALS (VERTEBRATES)	7	0.7	19,656	135,907	*	3,834
6900 RESEARCH ON RSCH MGMT	2	1.3	21,912	68,453	*	9,553
7000 RSCH EQUIP & TECHNOLOGY	2	0.2	4,420	14,961	*	0
TOTAL		143.5	4,962,244	32,738,799	*	1,030,696

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- OKLAHOMA STILLWATER SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	12	5.4	151,467	789,692	*	8,554
0200 WATER	7	4.5	33,075	600,461	*	33,785
0300 WATERSHEDS RIVER BAS	2	0.9	28,798	186,561	*	3,710
0600 TIMBER FORST PRODUCT	12	5.3	183,077	662,872	*	54,001
0700 RANGE	5	3.9	113,587	471,755	*	1,433
1000 FRUIT NUTS DECIDUOUS	10	2.5	12,487	487,846	*	83,082
1100 POTATOES	1	0.0	0	21	*	21
1200 VEGETABLES	17	4.5	26,001	790,827	*	141,328
1300 ORNAMENTALS TURF	4	1.2	31,071	121,575	*	0
1400 CORN	2	0.2	0	20,963	*	882
1500 GRAIN SORGHUM	11	1.6	34,392	452,156	*	882
1700 WHEAT	31	15.2	237,812	2,173,451	*	11,874
1800 OTHER SMALL GRAINS	3	0.1	0	44,577	*	0
1900 PASTURE	2	0.7	48,556	115,812	*	0
2000 FORAGE CROPS	11	3.2	238,642	831,417	*	53,930
2100 COTTON	11	4.6	208,467	725,779	*	0
2300 SOYBEANS	5	1.8	66,458	254,547	*	0
2400 PEANUTS	7	2.0	122,407	305,389	*	0
2800 MISC NEW CROPS	1	0.1	0	39,349	*	0
2900 POULTRY	1	0.4	0	128,340	*	0
3000 BEEF CATTLE	32	13.1	442,207	3,043,073	*	174,507
3100 DAIRY CATTLE	13	4.4	95,255	838,080	*	0
3200 SWINE	6	2.1	227,320	472,927	*	47,730
3300 SHEEP AND WOOL	1	0.2	0	67,384	*	0
3400 OTHER ANIMALS	2	0.4	42,716	78,780	*	0
3600 FARM SUPP & FACILITS	4	2.5	18,858	418,918	*	0
3700 CLOTHING & TEXTILES	1	0.0	0	13,802	*	0
3800 FOOD	1	0.7	0	65,748	*	0
3900 HOUSING & EQUIP	6	2.0	15,527	265,408	*	3,787
4000 PEOPLE AS INDIVIDUALS	5	2.0	54,899	163,461	*	0
4100 FAMILY MEMBERS	2	0.1	0	48,886	*	0
4200 FARM AS BUSINESS	11	8.2	8,905	744,347	*	8,648
4300 SOC POLIT ORGANIZ	2	1.2	0	135,286	*	22,468
4400 AGRIC ECONOMY U S	2	0.8	0	78,407	*	0
4500 AGRIC ECONOMY FORGN	1	0.4	0	57,612	*	0
4800 MARKETING SYSTEMS	3	1.8	456	233,475	*	34,288
6100 WEEDS	1	0.1	4,850	20,704	*	0
6300 BIO CELL SYSTEMS	3	1.7	122,307	265,654	*	0
6500 INVERTEBRATES	5	1.8	88,744	283,958	*	28,577
6600 MICROORGANISMS VIRUSES	3	3.6	0	289,249	*	0
6700 PLANTS	10	7.7	95,658	897,796	*	2,983
6800 ANIMALS (VERTEBRATES)	2	0.8	51,677	117,140	*	38,319
6900 RESEARCH ON RSCH MGMT	1	0.0	0	13,285	*	0
TOTAL		113.8	2,801,676	17,816,771	*	754,788

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- OREGON CORVALLIS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	FED APPR/ CSRS ADMSTD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	28	11.9	91,066	1,088,176	*	225,687
0200 WATER	15	3.1	36,988	423,303	*	78,957
0300 WATERSHEDS RIVER BAS	6	3.7	22,503	284,147	*	0
0500 RECREATION RESOURCES	2	0.9	10,051	47,202	*	0
0600 TIMBER FORST PRODUCT	18	4.2	26,179	444,832	*	67,322
0700 RANGE	13	2.5	31,693	285,649	*	17,379
0800 WILDLIFE AND FISH	30	15.9	45,816	3,816,792	*	187,293
1000 FRUIT NUTS DECIDUCUS	48	30.7	274,849	2,643,079	*	342,063
1100 POTATOES	17	7.5	36,497	794,109	*	153,201
1200 VEGETABLES	34	13.1	133,838	1,220,409	*	8,355
1300 ORNAMENTALS TURF	11	4.4	30,792	422,654	*	11,077
1400 CORN	5	0.9	880	97,205	*	48,669
1700 WHEAT	26	11.6	59,063	1,165,981	*	174,813
1800 OTHER SMALL GRAINS	19	5.9	20,361	523,367	*	7,272
1900 PASTURE	6	0.6	12,885	69,029	*	0
2000 FORAGE CROPS	24	5.8	33,529	552,275	*	60,294
2300 SOYBEANS	2	1.3	6,057	122,529	*	0
2500 OTHER OILSEED CROPS	4	4.7	0	371,307	*	186,468
2700 SUGAR CROPS	2	0.2	3,447	29,813	*	0
2800 MISC NEW CROPS	23	8.5	33,457	768,404	*	57,233
2900 POULTRY	11	5.2	107,697	671,559	*	0
3000 BEEF CATTLE	24	13.4	181,715	2,088,352	*	24,931
3100 DAIRY CATTLE	11	5.4	62,322	945,889	*	306
3200 SWINE	8	1.7	29,598	392,775	*	382
3300 SHEEP AND WOOL	15	3.8	172,166	592,067	*	382
3400 OTHER ANIMALS	8	2.1	28,699	171,645	*	153
3500 BEES AND HONEY	2	0.4	6,259	51,780	*	0
3700 CLOTHING & TEXTILES	1	0.0	5,896	7,458	*	0
3800 FOOD	6	4.7	100,062	525,089	*	4,155
3900 HOUSING & EQUIP	2	0.4	13,545	47,376	*	18,419
4000 PEOPLE AS INDIVIDUALS	10	3.3	56,708	329,638	*	49,917
4100 FAMILY MEMBERS	9	0.7	31,963	114,020	*	17,480
4200 FARM AS BUSINESS	5	0.6	39,439	117,975	*	15,514
4300 SOC POLIT ORGANIZ	10	2.7	60,048	306,290	*	34,960
4400 AGRIC ECONOMY U S	4	0.1	31,936	150,007	*	10,343
4500 AGRIC ECONOMY FORGN	1	0.2	0	10,396	*	0
6100 WEEDS	3	0.6	3,631	51,393	*	2,361
6200 SEED RESEARCH	5	6.5	12,076	793,437	*	0
6300 BIO CELL SYSTEMS	4	6.2	10,892	453,742	*	39,103
6400 EXP DESIGN/STAT METHOD	4	1.2	0	294,429	*	23,054
6500 INVERTEBRATES	6	4.0	29,318	360,275	*	167
6600 MICROORGANISMS VIRUSES	8	2.6	11,790	256,091	*	64,851
6700 PLANTS	22	13.4	60,333	1,277,017	*	183,510
6800 ANIMALS (VERTEBRATES)	11	6.3	18,550	765,542	*	847
6900 RESEARCH ON RSCH MGMT	8	48.5	322,812	2,276,371	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	1.1	0	116,663	*	0
TOTAL		272.7	2,307,405	28,337,538	*	2,116,919

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- PENNSYLVANIA COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	14	10.7	245,130	1,238,979	*	0
0200 WATER	9	6.6	56,461	284,654	*	536
0300 WATERSHEDS RIVER BAS	2	0.9	19,602	122,000	*	0
0400 AIR AND CLIMATE	2	2.0	11,216	193,574	*	0
0500 RECREATION RESOURCES	2	0.1	2,213	68,119	*	0
0600 TIMBER FORST PRODUCT	24	12.0	376,044	2,098,584	*	416,452
0800 WILDLIFE AND FISH	11	2.5	30,128	776,023	*	0
1000 FRUIT NUTS DECIDUCUS	22	8.5	364,581	1,565,462	*	24,872
1100 POTATOES	11	2.6	78,892	429,331	*	67,434
1200 VEGETABLES	17	6.7	279,775	1,115,042	*	0
1300 ORNAMENTALS TURF	24	7.6	232,367	1,219,608	*	8,387
1400 CORN	16	7.9	260,251	994,394	*	57,229
1700 WHEAT	7	1.4	38,829	155,016	*	0
1800 OTHER SMALL GRAINS	8	1.6	44,697	171,621	*	2,436
2000 FORAGE CROPS	18	7.6	265,580	950,501	*	81,109
2300 SOYBEANS	1	0.3	2,975	19,270	*	3,654
2600 TOBACCO	2	0.2	7,430	45,786	*	0
2900 POULTRY	18	10.9	403,414	2,225,183	*	2,629
3000 BEEF CATTLE	6	2.2	61,284	500,828	*	8,194
3100 DAIRY CATTLE	30	11.2	677,803	3,142,468	*	329,193
3200 SWINE	12	4.8	141,061	894,944	*	155,580
3300 SHEEP AND WOOL	5	1.4	41,840	362,931	*	5,676
3400 OTHER ANIMALS	4	0.6	30,304	75,033	*	0
3600 FARM SUPP & FACILITS	2	0.3	9,530	46,985	*	3,557
3800 FOOD	17	7.2	310,340	1,020,667	*	0
3900 HOUSING & EQUIP	4	2.4	69,193	362,507	*	0
4000 PEOPLE AS INDIVIDUALS	10	6.4	208,865	671,057	*	95,596
4100 FAMILY MEMBERS	3	3.7	116,459	398,294	*	0
4200 FARM AS BUSINESS	3	3.9	96,550	277,475	*	1,085
4300 SOC POLIT ORGANIZ	10	6.1	229,949	665,451	*	59,137
4500 AGRIC ECONOMY FORGN	1	8.6	0	1,588,310	*	0
6300 BIO CELL SYSTEMS	4	0.3	26,200	54,801	*	0
6500 INVERTEBRATES	9	1.6	39,005	325,715	*	78,721
6600 MICROORGANISMS VIRUSES	6	1.6	157,897	179,910	*	0
6700 PLANTS	16	4.3	182,477	918,977	*	251,298
6800 ANIMALS (VERTEBRATES)	7	1.4	86,287	374,073	*	138,777
7000 RSCH EQUIP & TECHNOLOGY	4	1.2	51,138	170,224	*	33,178
TOTAL		159.3	5,255,768	25,703,799	*	1,824,730

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- PUERTO RICO RIO PIEDRAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	4	0.8	21,288	106,496	*	1,395
0200 WATER	1	0.1	5,748	13,074	*	0
0800 WILDLIFE AND FISH	1	0.3	0	30,758	*	11,677
0900 CITRUS SUB TROP FRUT	24	11.6	432,779	1,292,425	*	84,097
1000 FRUIT NUTS DECIDUCUS	1	0.6	0	98,567	*	37,122
1100 POTATOES	2	0.6	28,148	65,840	*	0
1200 VEGETABLES	35	21.0	727,842	2,693,660	*	299,847
1300 ORNAMENTALS TURF	5	1.1	56,500	146,315	*	0
1400 CORN	1	0.2	0	26,821	*	0
1600 RICE	7	2.1	52,026	283,459	*	28,401
1900 PASTURE	5	3.5	264,642	664,461	*	580
2000 FORAGE CROPS	6	4.6	283,498	648,742	*	4,633
2300 SOYBEANS	1	0.2	0	26,821	*	0
2700 SUGAR CROPS	12	13.2	745,848	1,978,165	*	726
2800 MISC NEW CROPS	10	3.8	236,363	575,130	*	0
2900 POULTRY	2	0.2	32,632	74,563	*	0
3000 BEEF CATTLE	3	0.3	6,609	45,183	*	8,794
3100 DAIRY CATTLE	3	2.3	228,393	521,427	*	0
3800 FOOD	3	3.2	208,858	450,602	*	0
3900 HOUSING & EQUIP	2	1.7	73,635	199,490	*	12,000
4000 PEOPLE AS INDIVIDUALS	2	1.8	55,235	123,524	*	0
4100 FAMILY MEMBERS	1	0.2	9,931	22,515	*	0
4200 FARM AS BUSINESS	1	1.6	49,992	113,671	*	0
4300 SOC POLIT ORGANIZ	1	0.2	13,241	30,020	*	0
6500 INVERTEBRATES	1	0.3	0	21,523	*	0
TOTAL		75.6	3,529,207	10,253,253	*	489,272

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- RHODE ISLAND KINGSTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	3	0.7	58,609	229,922	*	0
0200 WATER	3	1.7	64,676	227,898	*	0
0400 AIR AND CLIMATE	1	0.0	0	3,954	*	0
0600 TIMBER FORST PRODUCT	6	4.0	83,503	314,532	*	0
0800 WILDLIFE AND FISH	13	6.0	155,271	483,823	*	0
1000 FRUIT NUTS DECIDUOUS	4	1.1	49,958	156,457	*	0
1100 POTATOES	4	1.6	73,795	268,993	*	0
1200 VEGETABLES	1	0.3	45,867	73,562	*	0
1300 ORNAMENTALS TURF	6	3.6	125,173	351,702	*	0
1400 CORN	1	1.0	17,707	46,214	*	0
2900 POULTRY	2	0.8	85,905	188,251	*	0
3400 OTHER ANIMALS	1	0.1	6,393	11,103	*	0
3600 FARM SUPP & FACILITS	1	0.7	19,591	52,854	*	0
3800 FOOD	4	1.7	111,706	190,290	*	0
3900 HOUSING & EQUIP	1	0.7	18,066	102,288	*	0
4000 PEOPLE AS INDIVIDUALS	2	1.3	20,583	87,500	*	0
4300 SOC POLIT ORGANIZ	3	1.1	29,768	106,473	*	0
4800 MARKETING SYSTEMS	1	0.8	18,595	24,734	*	0
6600 MICROORGANISMS VIRUSES	1	0.0	0	9,609	*	0
6700 PLANTS	4	1.4	71,002	175,516	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	1.2	20,404	59,731	*	0
TOTAL		29.8	1,076,570	3,165,406	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SOUTH CAROLINA CLEMSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	15	2.9	155,421	420,971	*	0
0200 WATER	14	2.3	135,473	381,186	*	0
0400 AIR AND CLIMATE	1	0.1	1,583	2,545	*	0
0500 RECREATION RESOURCES	1	0.1	3,825	6,873	*	0
0600 TIMBER FORST PRODUCT	3	0.2	7,080	37,292	*	0
0800 WILDLIFE AND FISH	14	2.7	73,290	335,507	*	0
1000 FRUIT NUTS DECIDUOUS	33	11.1	255,140	1,706,982	*	166,275
1200 VEGETABLES	35	12.1	124,882	1,821,333	*	207,669
1300 ORNAMENTALS TURF	12	3.9	199,048	603,393	*	0
1400 CORN	19	1.9	31,020	274,288	*	0
1500 GRAIN SORGHUM	4	0.1	690	19,848	*	0
1700 WHEAT	12	2.2	30,795	286,530	*	0
1800 OTHER SMALL GRAINS	5	0.4	3,949	83,090	*	0
1900 PASTURE	1	0.6	13,469	74,266	*	0
2000 FORAGE CROPS	15	6.7	128,570	841,106	*	0
2100 COTTON	13	2.0	89,110	494,567	*	0
2300 SOYBEANS	37	8.2	271,370	1,348,675	*	1,727
2400 PEANUTS	1	0.0	0	15,586	*	0
2600 TOBACCO	13	3.3	40,775	751,705	*	0
2800 MISC NEW CROPS	1	0.0	432	694	*	0
2900 POULTRY	19	6.0	281,149	977,450	*	14,864
3000 BEEF CATTLE	19	6.1	196,633	1,232,279	*	0
3100 DAIRY CATTLE	23	3.6	269,819	1,741,789	*	0
3200 SWINE	12	1.9	127,608	415,388	*	0
3300 SHEEP AND WOOL	1	0.0	0	3,759	*	0
3400 OTHER ANIMALS	7	0.2	17,932	100,191	*	0
3600 FARM SUPP & FACILITS	1	0.2	0	9,102	*	5,108
3700 CLOTHING & TEXTILES	2	0.0	0	36,296	*	0
3800 FOOD	6	0.9	48,429	212,736	*	0
3900 HOUSING & EQUIP	2	0.2	0	40,877	*	0
4000 PEOPLE AS INDIVIDUALS	7	0.4	32,928	136,173	*	0
4100 FAMILY MEMBERS	1	0.0	1,245	1,621	*	0
4200 FARM AS BUSINESS	5	1.1	36,201	140,929	*	51,917
4300 SOC POLIT ORGANIZ	6	0.9	69,251	131,277	*	0
4400 AGRIC ECONOMY U S	2	0.5	23,885	42,698	*	0
4600 FARM COOPERATIVES	1	0.0	4,783	8,097	*	0
4700 OTH MARKET PROCESS	2	0.1	10,047	18,574	*	0
4800 MARKETING SYSTEMS	2	0.2	9,565	89,290	*	0
6100 NEEDS	4	0.4	10,910	99,432	*	46,085
6300 BIO CELL SYSTEMS	2	0.5	7,334	66,595	*	0
6400 EXP DESIGN/STAT METHOD	2	1.7	0	198,396	*	0
6500 INVERTEBRATES	12	3.8	26,537	440,079	*	48,619
6600 MICROORGANISMS VIRUSES	5	1.0	37,083	261,950	*	92,169
6700 PLANTS	4	0.5	12,779	173,921	*	0
6800 ANIMALS(VERTEBRATES)	3	0.3	13,635	164,475	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.1	6,181	26,464	*	0
TOTAL		91.5	2,809,856	16,276,276	*	634,432

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SOUTH DAKOTA BROOKINGS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	21	3.9	92,853	684,878	*	0
0200 WATER	14	4.3	20,202	495,981	*	15,318
0400 AIR AND CLIMATE	3	0.7	22,721	55,710	*	368
0500 RECREATION RESOURCES	1	0.0	0	8,277	*	1,216
0600 TIMBER FORST PRODUCT	6	2.2	87,590	154,573	*	0
0700 RANGE	7	4.1	92,881	239,732	*	4,749
0800 WILDLIFE AND FISH	7	0.6	49,514	228,546	*	0
1000 FRUIT NUTS DECIDUOUS	4	0.9	46,876	80,103	*	0
1100 POTATOES	2	0.5	1,798	22,451	*	0
1200 VEGETABLES	2	1.0	698	49,935	*	970
1300 ORNAMENTALS TURF	3	0.5	47,046	70,798	*	0
1400 CORN	27	6.0	133,573	774,012	*	6,153
1500 GRAIN SORGHUM	4	0.4	10,424	22,083	*	0
1700 WHEAT	24	5.1	102,094	457,349	*	4,237
1800 OTHER SMALL GRAINS	17	2.5	30,081	429,541	*	0
1900 PASTURE	1	0.1	1,015	6,643	*	1,119
2000 FORAGE CROPS	18	5.2	93,933	368,585	*	3,274
2300 SOYBEANS	17	1.6	44,268	174,700	*	3,889
2500 OTHER OILSEED CROPS	6	2.2	62,766	258,666	*	43,588
2700 SUGAR CROPS	3	0.1	19,076	32,720	*	0
2800 MISC NEW CROPS	2	0.1	5,291	35,501	*	0
2900 POULTRY	4	0.8	26,606	53,831	*	0
3000 BEEF CATTLE	26	11.4	297,348	856,457	*	34,057
3100 DAIRY CATTLE	19	5.8	174,385	531,399	*	0
3200 SWINE	17	7.7	293,575	552,188	*	10,565
3300 SHEEP AND WOOL	9	1.0	80,083	182,415	*	0
3400 OTHER ANIMALS	6	1.7	120,645	177,694	*	0
3600 FARM SUPP & FACILITS	1	0.6	6,809	32,681	*	0
3900 HOUSING & EQUIP	2	0.0	5,291	11,618	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.6	0	51,819	*	0
4200 FARM AS BUSINESS	3	0.3	5,515	38,594	*	0
4300 SOC POLIT ORGANIZ	4	0.7	26,375	74,263	*	0
4400 AGRIC ECONOMY U S	1	0.1	1,758	2,378	*	0
6100 NEEDS	1	0.1	2,262	11,037	*	0
6300 BIO CELL SYSTEMS	2	0.4	3,464	36,882	*	0
6600 MICROORGANISMS VIRUSES	3	0.4	53,555	87,809	*	0
6700 PLANTS	11	10.6	20,882	922,539	*	81,760
6800 ANIMALS(VERTEBRATES)	5	2.6	38,128	94,861	*	19,050
9900 UNCLASSIFIED	2	0.0	19,028	1,913,718	*	0
TOTAL		87.0	2,140,406	10,282,967	*	230,312

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- TENNESSEE KNOXVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	11	3.5	189,954	794,169	*	321
0200 WATER	5	2.3	80,329	177,527	*	0
0300 WATERSHEDS RIVER BAS	1	0.6	29,449	84,502	*	0
0400 AIR AND CLIMATE	1	0.5	7,577	26,824	*	0
0500 RECREATION RESOURCES	1	0.4	7,650	64,584	*	2,074
0600 TIMBER FORST PRODUCT	11	6.8	200,001	1,049,020	*	11,151
0700 RANGE	1	1.2	12,299	190,907	*	0
0800 WILDLIFE AND FISH	5	2.6	122,157	571,102	*	16,368
1000 FRUIT NUTS DECIDUOUS	12	5.4	141,623	795,854	*	0
1200 VEGETABLES	16	7.0	221,129	1,204,017	*	11,756
1300 ORNAMENTALS TURF	14	6.8	282,979	961,269	*	2,939
1400 CORN	17	3.2	158,607	674,879	*	0
1500 GRAIN SORGHUM	9	1.1	59,051	239,638	*	0
1700 WHEAT	9	1.0	62,586	300,043	*	0
1800 OTHER SMALL GRAINS	4	0.3	25,000	124,588	*	0
1900 PASTURE	2	0.1	14,514	46,853	*	0
2000 FORAGE CROPS	14	5.8	251,761	1,238,019	*	17,472
2100 COTTON	14	4.3	192,575	680,918	*	0
2300 SOYBEANS	23	6.3	231,095	1,217,997	*	54,950
2600 TOBACCO	11	4.4	184,289	985,758	*	0
2800 MISC NEW CROPS	2	0.3	33,584	67,290	*	0
2900 POULTRY	4	1.8	75,927	295,401	*	0
3000 BEEF CATTLE	29	11.3	361,510	2,818,779	*	111,805
3100 DAIRY CATTLE	19	10.2	359,071	3,510,725	*	19,943
3200 SWINE	15	4.0	168,596	983,643	*	13,810
3300 SHEEP AND WOOL	4	0.2	9,709	98,687	*	14,042
3400 OTHER ANIMALS	2	0.1	3,790	49,012	*	29,356
3700 CLOTHING & TEXTILES	2	0.3	44,235	236,456	*	29,884
3800 FOOD	10	3.0	148,527	456,706	*	5,500
3900 HOUSING & EQUIP	5	1.9	101,251	209,130	*	0
4000 PEOPLE AS INDIVIDUALS	6	0.9	57,106	165,094	*	3,320
4100 FAMILY MEMBERS	1	0.0	12,390	21,505	*	0
4200 FARM AS BUSINESS	3	2.3	71,311	201,592	*	0
4300 SOC POLIT ORGANIZ	6	2.0	63,200	176,362	*	0
4800 MARKETING SYSTEMS	2	1.5	48,158	101,988	*	0
6100 WEEDS	2	0.4	16,383	106,187	*	1,826
6400 EXP DESIGN/STAT METHOD	1	0.0	6,607	6,607	*	0
6500 INVERTEBRATES	1	0.0	0	1,888	*	1,826
6600 MICROORGANISMS VIRUSES	2	0.2	6,860	28,285	*	1,882
6700 PLANTS	5	1.2	38,166	255,398	*	0
6800 ANIMALS(VERTEBRATES)	5	0.8	28,651	114,145	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	1.0	49,055	149,176	*	0
TOTAL		107.1	4,178,712	21,478,485	*	350,225

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- TEXAS COLLEGE STATION SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	33	11.8	189,585	2,373,477	*	21,874
0200 WATER	45	14.7	209,972	2,824,975	*	90,375
0300 WATERSHEDS RIVER BAS	2	1.1	1,527	172,079	*	28,661
0400 AIR AND CLIMATE	2	0.1	164	19,829	*	6,398
0500 RECREATION RESOURCES	10	4.2	33,934	726,570	*	107,684
0600 TIMBER FORST PRODUCT	22	6.4	174,645	1,991,580	*	259,958
0700 RANGE	31	10.8	410,828	2,395,382	*	60,799
0800 WILDLIFE AND FISH	40	10.4	128,498	3,201,863	*	94,536
0900 CITRUS SUB TROP FRUT	13	2.8	62,348	623,957	*	14,971
1000 FRUIT NUTS DECIDUCUS	25	7.9	278,513	1,420,372	*	118,329
1100 POTATOES	4	1.1	21,146	366,435	*	0
1200 VEGETABLES	43	15.4	354,502	2,636,057	*	42,595
1300 ORNAMENTALS TURF	24	12.3	318,787	1,990,293	*	1,636
1400 CORN	40	7.2	82,641	1,403,089	*	41,466
1500 GRAIN SORGHUM	61	17.0	107,747	3,225,715	*	37,833
1600 RICE	17	5.2	178,001	1,173,329	*	3,938
1700 WHEAT	39	9.6	229,034	1,588,412	*	62,829
1800 OTHER SMALL GRAINS	12	2.3	22,589	307,464	*	2,078
1900 PASTURE	8	2.3	57,687	544,087	*	0
2000 FORAGE CROPS	30	10.2	254,305	1,771,523	*	71,034
2100 COTTON	66	25.1	253,966	5,187,829	*	171,797
2200 COTTONSEED	3	0.1	797	63,850	*	4,011
2300 SOYBEANS	22	5.6	162,760	868,980	*	82,622
2400 PEANUTS	16	7.2	27,103	1,296,951	*	2,548
2500 OTHER OILSEED CROPS	4	0.4	6,585	191,214	*	9,360
2600 TOBACCO	1	0.0	0	22,008	*	22,008
2700 SUGAR CROPS	16	6.4	80,294	1,340,460	*	4,700
2800 MISC NEW CROPS	7	2.2	12,559	558,020	*	135,639
2900 POULTRY	20	6.8	83,272	1,846,442	*	0
3000 BEEF CATTLE	99	23.3	930,225	8,869,736	*	516,146
3100 DAIRY CATTLE	47	8.5	173,640	2,118,163	*	309,618
3200 SWINE	14	2.1	51,090	543,770	*	7,788
3300 SHEEP AND WOOL	29	5.6	107,935	1,190,728	*	77,643
3400 OTHER ANIMALS	40	7.3	128,056	1,787,950	*	102,159
3500 BEES AND HONEY	1	0.0	0	228,688	*	0
3600 FARM SUPP & FACILITS	2	0.6	1,214	101,648	*	0
3800 FOOD	3	0.4	0	47,892	*	26,542
3900 HOUSING & EQUIP	3	0.1	597	65,903	*	149
4000 PEOPLE AS INDIVIDUALS	11	3.4	138,747	677,103	*	29,910
4100 FAMILY MEMBERS	2	0.3	41	127,428	*	0
4200 FARM AS BUSINESS	7	3.8	21,131	716,120	*	0
4300 SOC POLIT ORGANIZ	5	2.8	70,392	433,397	*	6,579
4400 AGRIC ECONOMY U S	10	6.3	76,691	1,005,879	*	12,910
4700 OTH MARKET PROCESS	1	0.1	90	5,849	*	179
4800 MARKETING SYSTEMS	2	0.5	2,546	52,574	*	179
6300 BIO CELL SYSTEMS	17	13.5	49,993	2,419,329	*	2,278
6400 EXP DESIGN/STAT METHOD	2	0.1	916	35,431	*	0
6500 INVERTEBRATES	7	1.5	10,648	390,366	*	54,451
6600 MICROORGANISMS VIRUSES	1	1.1	0	67,282	*	61,475
6700 PLANTS	8	1.3	2,779	264,362	*	77,506
6800 ANIMALS (VERTEBRATES)	8	1.2	17,582	175,290	*	39,286
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	0	4,730	*	0
TOTAL		290.3	5,528,101	63,461,860	*	2,824,477

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- UTAH LOGAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	12	3.8	151,781	464,226	*	4,710
0200 WATER	10	1.5	50,313	290,890	*	638
0300 WATERSHEDS RIVER BAS	1	0.0	9,654	15,332	*	0
0400 AIR AND CLIMATE	4	1.5	0	296,374	*	239
0500 RECREATION RESOURCES	1	0.3	10,964	17,259	*	0
0600 TIMBER FORST PRODUCT	9	1.9	89,151	145,603	*	160
0700 RANGE	24	4.6	76,823	994,335	*	95,882
0800 WILDLIFE AND FISH	2	0.4	6,355	36,441	*	1,291
1000 FRUIT NUTS DECIDUCUS	15	4.0	142,550	527,102	*	0
1200 VEGETABLES	3	0.4	2,506	40,146	*	0
1300 ORNAMENTALS TURF	3	0.9	19,839	144,902	*	2,758
1400 CORN	1	0.0	0	1,715	*	0
1500 GRAIN SORGHUM	1	0.0	0	686	*	0
1700 WHEAT	12	3.6	82,855	561,764	*	90,671
1800 OTHER SMALL GRAINS	8	1.6	29,679	305,501	*	53,327
1900 PASTURE	2	0.2	0	54,983	*	26,424
2000 FORAGE CROPS	23	4.5	110,200	543,360	*	72,885
2500 OTHER OILSEED CROPS	1	0.0	0	343	*	0
2900 POULTRY	7	3.9	62,043	589,555	*	0
3000 BEEF CATTLE	12	3.2	49,948	455,117	*	29,072
3100 DAIRY CATTLE	29	12.4	171,988	1,592,655	*	117,592
3300 SHEEP AND WOOL	12	6.7	83,099	1,260,290	*	151,800
3400 OTHER ANIMALS	6	0.9	2,001	169,077	*	0
3500 BEES AND HONEY	2	0.6	24,500	107,913	*	40,159
3800 FOOD	5	3.2	83,292	363,443	*	67,672
4000 PEOPLE AS INDIVIDUALS	14	3.2	141,429	484,578	*	4,167
4100 FAMILY MEMBERS	8	0.7	11,349	70,821	*	0
4200 FARM AS BUSINESS	3	0.7	0	45,226	*	0
4300 SOC POLIT ORGANIZ	3	0.5	6,206	86,652	*	4,381
4400 AGRIC ECONOMY U S	2	0.1	6,924	22,152	*	0
6100 WEEDS	2	0.1	0	16,437	*	0
6200 SEED RESEARCH	1	0.0	0	16	*	0
6300 BIO CELL SYSTEMS	5	1.7	44,518	193,677	*	0
6600 MICROORGANISMS VIRUSES	5	0.1	0	149,173	*	70,185
6700 PLANTS	28	6.4	75,839	969,326	*	51,194
6800 ANIMALS (VERTEBRATES)	13	2.6	63,963	820,295	*	12
7000 RSCH EQUIP & TECHNOLOGY	1	0.2	2,250	4,896	*	0
TOTAL		76.6	1,612,019	11,842,263	*	885,219

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- VERMONT BURLINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	5	1.6	71,032	255,980	*	0
0200 WATER	1	0.0	0	4,529	*	0
0400 AIR AND CLIMATE	2	0.1	2,469	13,923	*	0
0600 TIMBER FORST PRODUCT	7	2.6	110,960	560,585	*	111,268
1000 FRUIT NUTS DECIDUOUS	5	2.0	77,977	266,211	*	0
1100 POTATOES	1	0.6	21,091	64,908	*	0
1300 ORNAMENTALS TURF	2	0.7	33,745	213,389	*	0
1900 PASTURE	1	0.3	10,066	33,561	*	0
2000 FORAGE CROPS	4	1.8	91,980	269,637	*	5
2900 POULTRY	2	0.6	50,058	116,117	*	0
3000 BEEF CATTLE	3	0.3	26,414	64,956	*	0
3100 DAIRY CATTLE	14	3.5	302,400	792,589	*	10,518
3300 SHEEP AND WOOL	3	0.3	17,249	50,723	*	0
3400 OTHER ANIMALS	3	0.1	4,566	13,870	*	0
3500 BEES AND HONEY	1	0.2	12,383	28,485	*	0
3800 FOOD	3	0.9	46,089	123,114	*	0
3900 HOUSING & EQUIP	1	0.0	5,090	11,707	*	0
4000 PEOPLE AS INDIVIDUALS	4	0.8	27,094	70,764	*	0
4100 FAMILY MEMBERS	1	0.3	7,556	17,381	*	0
4300 SOC POLIT ORGANIZ	7	2.0	93,071	188,273	*	312
4400 AGRIC ECONOMY U S	1	0.4	20,365	33,194	*	0
6300 BIO CELL SYSTEMS	1	0.2	2,235	26,678	*	0
6600 MICROORGANISMS VIRUSES	2	0.6	26,936	160,149	*	0
6700 PLANTS	9	2.4	93,170	296,547	*	16,043
6800 ANIMALS (VERTEBRATES)	4	1.4	42,523	111,208	*	0
TOTAL		24.0	1,196,516	3,788,477	*	138,146

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- VIRGIN ISLANDS ST. THOMAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	3	0.1	4,634	9,136	*	4,502
0200 WATER	3	0.3	9,267	26,230	*	16,963
0700 RANGE	1	0.5	74,019	94,475	*	0
0800 WILDLIFE AND FISH	4	1.0	162,268	207,111	*	0
0900 CITRUS SUB TROP FRUT	7	0.8	117,923	161,170	*	15,140
1000 FRUIT NUTS DECIDUOUS	1	0.0	10,427	13,309	*	0
1200 VEGETABLES	6	0.4	102,520	135,411	*	9,042
1900 PASTURE	1	0.5	0	39,535	*	39,535
3000 BEEF CATTLE	1	0.3	100,683	113,970	*	0
3300 SHEEP AND WOOL	2	0.6	47,706	108,370	*	47,480
3900 HOUSING & EQUIP	2	0.1	0	10,052	*	10,052
4800 MARKETING SYSTEMS	2	0.0	15,053	29,555	*	10,342
6100 WEEDS	1	0.0	0	706	*	706
6400 EXP DESIGN/STAT METHOD	1	0.0	0	1,728	*	1,728
6600 MICROORGANISMS VIRUSES	1	0.3	25,832	32,970	*	0
TOTAL		5.0	670,332	983,728	*	155,490

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- VIRGINIA BLACKSBURG SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADBSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	16	7.0	97,544	2,285,110	*	36,272
0200 WATER	7	2.5	33,538	600,746	*	2,908
0300 WATERSHEDS RIVER BAS	2	2.4	66,856	645,277	*	3,016
0500 RECREATION RESOURCES	1	0.2	0	43,940	*	11,330
0600 TIMBER FORST PRODUCT	44	13.0	368,940	3,431,375	*	638,956
0800 WILDLIFE AND FISH	13	7.2	43,587	1,925,777	*	27,176
0900 CITRUS SUB TROP FRUT	1	0.4	8,562	32,317	*	26
1000 FRUIT NUTS DECIDUCUS	15	5.7	130,703	1,298,950	*	6,303
1100 POTATOES	6	2.9	23,127	592,611	*	17,000
1200 VEGETABLES	9	4.1	88,750	592,508	*	8,244
1300 ORNAMENTALS TURF	12	7.6	138,686	1,396,507	*	13,984
1400 CORN	14	4.1	78,048	644,759	*	17,243
1500 GRAIN SORGHUM	1	0.2	13,133	27,457	*	0
1700 WHEAT	8	2.2	57,012	425,924	*	5,519
1800 OTHER SMALL GRAINS	1	1.0	41,648	154,072	*	3,872
1900 PASTURE	2	0.2	10,806	39,439	*	678
2000 FORAGE CROPS	14	4.7	161,466	795,550	*	86,704
2100 COTTON	1	0.1	0	8,512	*	146
2300 SOYBEANS	21	8.4	197,227	1,163,888	*	11,871
2400 PEANUTS	6	7.6	81,380	683,084	*	14,153
2600 TOBACCO	8	2.8	56,053	821,333	*	285
2700 SUGAR CROPS	1	0.3	16,250	65,351	*	0
2800 MISC NEW CROPS	2	0.5	17,510	116,496	*	0
2900 POULTRY	26	11.4	318,851	2,387,646	*	4,851
3000 BEEF CATTLE	26	8.2	92,638	2,168,159	*	19,586
3100 DAIRY CATTLE	31	8.1	227,024	2,112,775	*	14,072
3200 SWINE	24	14.0	110,151	1,984,788	*	80,981
3300 SHEEP AND WOOL	12	2.2	68,225	742,188	*	3,112
3400 OTHER ANIMALS	10	2.8	61,394	538,104	*	40,536
3600 FARM SUPP & FACILITS	3	0.3	9,114	80,667	*	2
3700 CLOTHING & TEXTILES	2	0.0	19,346	93,750	*	2,965
3800 FOOD	4	2.2	43,993	313,988	*	150
3900 HOUSING & EQUIP	5	1.1	101,174	280,033	*	738
4000 PEOPLE AS INDIVIDUALS	8	3.3	96,936	554,011	*	5
4100 FAMILY MEMBERS	5	0.0	28,649	227,848	*	0
4200 FARM AS BUSINESS	4	0.8	30,551	257,935	*	12,535
4300 SOC POLIT ORGANIZ	3	1.0	25,456	125,919	*	6,191
4400 AGRIC ECONOMY U S	2	0.5	9,051	158,130	*	38,468
4600 FARM COOPERATIVES	1	0.0	850	5,021	*	1,095
4800 MARKETING SYSTEMS	1	0.0	566	3,348	*	730
6100 WEEDS	6	0.6	29,637	129,105	*	1,099
6300 BIO CELL SYSTEMS	3	2.5	80,065	489,131	*	22
6500 INVERTEBRATES	7	3.1	157,084	509,537	*	33,054
6600 MICROORGANISMS VIRUSES	21	10.9	231,103	2,693,203	*	238,495
6700 PLANTS	12	2.3	168,209	582,099	*	9,701
6800 ANIMALS (VERTEBRATES)	9	4.1	105,860	501,465	*	415
6900 RESEARCH ON RSCH MGHT	3	1.0	47,295	275,380	*	43,469
7000 RSCH EQUIP & TECHNOLOGY	5	1.6	31,869	334,844	*	8,819
TOTAL		167.1	3,817,918	35,340,055	*	1,466,779

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- WASHINGTON PULLMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	28	7.2	198,679	1,172,237	*	98,152
0200 WATER	15	2.4	109,284	412,884	*	23,248
0300 WATERSHEDS RIVER BAS	3	0.5	14,617	44,625	*	0
0500 RECREATION RESOURCES	4	0.6	13,011	68,795	*	0
0600 TIMBER FORST PRODUCT	23	7.7	174,976	1,209,586	*	54,168
0700 RANGE	9	1.4	7,236	166,016	*	1,174
0800 WILDLIFE AND FISH	3	0.6	12,010	58,774	*	0
1000 FRUIT NUTS DECIDUOUS	62	26.0	753,440	4,765,847	*	38,722
1100 POTATOES	29	8.7	82,045	1,377,557	*	184,734
1200 VEGETABLES	43	14.6	380,113	2,662,762	*	82,657
1300 ORNAMENTALS TURF	9	2.0	22,145	345,562	*	4,966
1400 CORN	6	0.6	12,986	85,401	*	3,300
1600 RICE	1	1.9	6,121	145,137	*	12,058
1700 WHEAT	40	12.7	127,526	2,041,924	*	330,055
1800 OTHER SMALL GRAINS	12	2.5	84,200	471,921	*	8,544
1900 PASTURE	1	0.0	960	7,326	*	0
2000 FORAGE CROPS	22	3.8	227,942	776,335	*	33,735
2100 COTTON	1	0.1	8	13,226	*	0
2500 OTHER OILSEED CROPS	2	0.5	23,241	72,931	*	0
2600 TOBACCO	1	0.6	579	56,421	*	10,682
2800 MISC NEW CROPS	13	3.2	71,280	754,379	*	96,623
2900 POULTRY	10	5.8	78,350	803,020	*	26,259
3000 BEEF CATTLE	31	5.3	179,204	1,178,599	*	5,330
3100 DAIRY CATTLE	33	8.1	231,074	1,237,682	*	80,799
3200 SWINE	2	0.4	28,729	66,300	*	0
3300 SHEEP AND WOOL	8	0.9	29,999	183,376	*	25,731
3400 OTHER ANIMALS	6	0.8	7,288	141,705	*	25,731
3500 BEES AND HONEY	1	0.0	0	13,327	*	0
3600 FARM SUPP & FACILITS	1	0.5	0	45,524	*	0
3700 CLOTHING & TEXTILES	2	0.5	66	57,133	*	0
3800 FOOD	6	3.4	35,236	256,342	*	1,504
3900 HOUSING & EQUIP	5	0.9	24,966	119,926	*	0
4000 PEOPLE AS INDIVIDUALS	9	2.5	33,363	315,291	*	0
4100 FAMILY MEMBERS	9	1.9	16,032	203,977	*	0
4200 FARM AS BUSINESS	2	0.4	17,261	114,987	*	16,181
4300 SOC POLIT ORGANIZ	6	2.2	10,414	230,788	*	0
4400 AGRIC ECONOMY U S	1	0.3	634	69,026	*	18,665
4600 FARM COOPERATIVES	2	0.1	1,214	6,924	*	0
4800 MARKETING SYSTEMS	2	0.5	1,708	37,280	*	0
6100 WEEDS	4	0.4	5,666	85,459	*	0
6200 SEED RESEARCH	3	0.2	23,783	93,802	*	0
6300 BIO CELL SYSTEMS	3	2.7	5,140	318,379	*	44,507
6400 EXP DESIGN/STAT METHOD	2	0.3	425	30,126	*	0
6500 INVERTEBRATES	4	1.1	4,590	145,939	*	0
6600 MICROORGANISMS VIRUSES	6	0.5	23,880	102,913	*	29,831
6700 PLANTS	12	18.1	114,916	2,024,325	*	275,494
6800 ANIMALS(VERTEBRATES)	3	0.9	6,686	98,070	*	0
6900 RESEARCH ON RSCH MGMT	1	0.1	11,431	19,266	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	0.9	0	109,072	*	0
TOTAL		157.6	3,214,456	28,818,204	*	1,532,850

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- WEST VIRGINIA MORGANTOWN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	11	3.1	178,793	340,311	*	0
0200 WATER	3	0.6	56,609	87,348	*	0
0500 RECREATION RESOURCES	3	1.8	12,000	169,409	*	15,441
0600 TIMBER FORST PRODUCT	24	7.3	446,479	943,415	*	69,301
0800 WILDLIFE AND FISH	6	2.1	54,385	235,909	*	24,602
1000 FRUIT NUTS DECIDUOUS	15	5.5	376,284	735,845	*	245
1100 POTATOES	4	1.6	108,626	148,558	*	0
1200 VEGETABLES	4	0.8	16,622	93,006	*	122
1300 ORNAMENTALS TURF	3	0.7	17,338	90,156	*	122
1400 CORN	2	0.1	9,277	26,905	*	0
1700 WHEAT	1	0.0	0	7,357	*	0
1800 OTHER SMALL GRAINS	1	0.0	0	7,357	*	0
1900 PASTURE	5	1.5	253,289	402,464	*	18,841
2000 FORAGE CROPS	10	2.5	149,155	288,538	*	8,275
2800 MISC NEW CROPS	1	0.0	1,406	1,794	*	0
2900 POULTRY	6	1.9	74,399	227,838	*	50
3000 BEEF CATTLE	9	2.7	243,122	662,772	*	44,542
3100 DAIRY CATTLE	6	2.1	213,482	510,035	*	53
3200 SWINE	2	0.1	13,246	41,664	*	11,626
3300 SHEEP AND WOOL	5	1.4	78,494	259,955	*	5,954
3400 OTHER ANIMALS	1	0.1	9,839	18,388	*	0
3800 FOOD	1	0.0	1,755	2,229	*	0
4000 PEOPLE AS INDIVIDUALS	3	0.2	14,617	23,229	*	0
4100 FAMILY MEMBERS	1	0.0	2,325	3,326	*	0
4200 FARM AS BUSINESS	1	0.1	12,941	15,867	*	0
4300 SOC POLIT ORGANIZ	3	2.5	24,329	175,684	*	0
4400 AGRIC ECONOMY U S	1	0.1	5,546	6,800	*	0
6500 INVERTEBRATES	1	0.2	17,095	21,788	*	0
6700 PLANTS	3	1.1	15,218	75,218	*	7,521
6800 ANIMALS (VERTEBRATES)	4	1.0	35,725	104,122	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	15,630	19,802	*	0
TOTAL		41.3	2,458,025	5,747,091	*	206,696

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- WISCONSIN MADISON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	48	8.2	240,953	1,897,779	*	19,489
0200 WATER	12	3.6	44,171	635,456	*	48,469
0300 WATERSHEDS RIVER BAS	2	0.3	0	66,194	*	0
0400 AIR AND CLIMATE	1	0.1	1,220	20,593	*	0
0500 RECREATION RESOURCES	3	1.2	43,462	213,831	*	0
0600 TIMBER FORST PRODUCT	51	12.9	388,578	2,305,329	*	135,221
0700 RANGE	2	0.7	32,668	93,491	*	0
0800 WILDLIFE AND FISH	14	3.6	48,652	1,100,024	*	430
1000 FRUIT NUTS DECIDUCUS	14	2.5	85,902	567,297	*	4,742
1100 POTATOES	34	6.9	348,023	1,877,386	*	340,749
1200 VEGETABLES	35	6.5	233,852	1,716,543	*	51,526
1300 ORNAMENTALS TURF	5	0.8	17,968	166,943	*	0
1400 CORN	28	5.7	158,099	1,188,539	*	32,786
1700 WHEAT	5	0.4	8,322	169,906	*	0
1800 OTHER SMALL GRAINS	9	1.6	35,567	580,744	*	7,192
1900 PASTURE	1	0.0	0	1,294	*	0
2000 FORAGE CROPS	25	5.9	176,752	1,280,997	*	7,730
2300 SOYBEANS	13	2.2	64,602	443,766	*	7,976
2500 OTHER OILSEED CROPS	1	0.1	8,489	44,687	*	0
2600 TOBACCO	1	0.1	0	20,965	*	0
2800 MISC NEW CROPS	2	0.2	4,897	22,182	*	0
2900 POULTRY	17	4.5	207,900	1,069,317	*	87,276
3000 BEEF CATTLE	23	4.1	160,385	1,044,929	*	213,441
3100 DAIRY CATTLE	80	17.3	552,351	5,392,855	*	514,883
3200 SWINE	22	4.3	240,512	1,141,398	*	118,009
3300 SHEEP AND WOOL	16	2.7	52,193	598,617	*	106,669
3400 OTHER ANIMALS	7	1.5	34,229	755,871	*	0
3600 FARM SUPP & FACILITS	1	0.3	0	48,079	*	0
3700 CLOTHING & TEXTILES	2	0.2	11,290	11,432	*	0
3800 FOOD	27	7.9	175,323	2,766,932	*	35,816
3900 HOUSING & EQUIP	2	0.2	0	57,488	*	0
4000 PEOPLE AS INDIVIDUALS	22	7.8	149,395	1,833,515	*	0
4100 FAMILY MEMBERS	7	1.3	67,804	142,744	*	18,352
4200 FARM AS BUSINESS	6	2.4	81,901	323,066	*	0
4300 SOC POLIT ORGANIZ	21	6.9	189,086	2,494,884	*	134,388
4400 AGRIC ECONOMY U S	5	1.4	16,728	241,466	*	113,566
4500 AGRIC ECONOMY FORGN	1	0.4	0	102,924	*	30,940
4600 FARM COOPERATIVES	3	0.5	32,798	93,817	*	0
4800 MARKETING SYSTEMS	4	0.3	8,715	65,594	*	27,742
6100 WEEDS	4	0.9	42,850	377,587	*	0
6200 SEED RESEARCH	2	0.4	24,065	86,089	*	16,645
6300 BIO CELL SYSTEMS	28	9.0	20,096	4,786,925	*	0
6400 EXP DESIGN/STAT METHOD	4	1.5	40,648	522,020	*	0
6500 INVERTEBRATES	16	4.9	69,614	953,216	*	124,378
6600 MICROORGANISMS VIRUSES	41	11.3	144,976	3,529,866	*	608,729
6700 PLANTS	30	6.9	101,798	1,840,532	*	385,835
6800 ANIMALS (VERTEBRATES)	26	5.1	108,826	2,068,553	*	146,989
6900 RESEARCH ON RSCH MGMT	1	0.3	8,695	28,724	*	0
7000 RSCH EQUIP & TECHNOLOGY	8	2.3	34,552	1,522,835	*	29,606
TOTAL		170.6	4,518,906	48,315,221	*	3,369,574

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- WYOMING LARAMIE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	4	1.7	23,331	208,481	*	0
0200 WATER	7	2.2	55,632	310,139	*	0
0300 WATERSHEDS RIVER BAS	3	0.3	12,185	89,722	*	34,157
0400 AIR AND CLIMATE	1	0.2	520	8,925	*	0
0600 TIMBER FORST PRODUCT	3	1.0	75,572	246,598	*	119,300
0700 RANGE	12	5.2	75,588	1,187,007	*	96,141
0800 WILDLIFE AND FISH	3	0.5	13,822	39,848	*	0
1200 VEGETABLES	6	1.0	23,695	170,630	*	0
1400 CORN	4	0.3	1,422	52,502	*	0
1700 WHEAT	4	1.0	13,402	146,739	*	0
1800 OTHER SMALL GRAINS	5	0.8	13,905	136,979	*	0
1900 PASTURE	2	0.3	7,142	62,233	*	0
2000 FORAGE CROPS	14	4.7	153,224	580,991	*	42,868
2300 SOYBEANS	1	0.6	6,716	70,779	*	0
2500 OTHER OILSEED CROPS	2	0.3	0	57,869	*	0
2700 SUGAR CROPS	4	0.8	0	139,984	*	0
3000 BEEF CATTLE	19	11.7	537,257	1,970,535	*	0
3100 DAIRY CATTLE	5	1.5	45,423	169,723	*	0
3200 SWINE	1	0.1	2,848	5,757	*	0
3300 SHEEP AND WOOL	10	4.5	156,780	521,339	*	0
3400 OTHER ANIMALS	3	0.9	9,865	56,070	*	0
3800 FOOD	1	0.2	1,583	8,049	*	0
4000 PEOPLE AS INDIVIDUALS	3	0.7	10,186	39,141	*	0
4100 FAMILY MEMBERS	1	0.9	10,899	40,995	*	0
4200 FARM AS BUSINESS	2	0.6	28,456	64,017	*	0
4300 SOC POLIT ORGANIZ	4	1.4	28,689	90,881	*	0
4400 AGRIC ECONOMY U S	1	0.4	0	19,397	*	0
6200 SEED RESEARCH	1	0.6	10,687	52,715	*	0
6300 BIO CELL SYSTEMS	2	0.6	3,835	23,233	*	0
6500 INVERTEBRATES	2	1.6	0	67,891	*	0
6600 MICROORGANISMS VIRUSES	3	0.7	30,942	129,226	*	40,092
6700 PLANTS	3	0.7	23,331	115,592	*	13,205
6800 ANIMALS (VERTEBRATES)	2	0.2	12,740	27,841	*	4,402
6900 RESEARCH ON RSCH MGMT	1	0.4	11,069	28,527	*	0
TOTAL		48.4	1,400,746	6,940,358	*	350,164
GRAND TOTAL		6957.5	153,774,766	1,299,780,296	*	71,651,870

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NATIONAL TOTAL FORESTRY SCHOOLS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	60	9.6	77,775	1,398,720	*	121,696
0200 WATER	24	5.8	43,885	809,714	*	55,664
0300 WATERSHEDS RIVER BAS	26	3.7	37,307	694,513	*	4,007
0400 AIR AND CLIMATE	11	1.1	318	278,847	*	20,567
0500 RECREATION RESOURCES	35	7.1	143,629	776,004	*	33,552
0600 TIMBER FORST PRODUCT	427	157.1	1,969,646	23,799,925	*	2,992,378
0700 RANGE	9	4.6	36,348	382,126	*	5,045
0800 WILDLIFE AND FISH	90	14.5	256,363	2,436,112	*	157,672
1000 FRUIT NUTS DECIDUOUS	1	0.0	0	4,604	*	0
1300 ORNAMENTALS TURF	1	0.0	0	4,168	*	0
2000 FORAGE CROPS	1	0.0	0	5,482	*	5,482
3900 HOUSING & EQUIP	1	0.5	0	23,908	*	0
4000 PEOPLE AS INDIVIDUALS	3	0.2	0	22,821	*	0
4300 SOC POLIT ORGANIZ	4	0.9	34,737	81,666	*	0
6100 WEEDS	2	0.2	0	18,773	*	9,474
6300 BIO CELL SYSTEMS	3	1.8	0	174,861	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	3,999	6,432	*	0
6500 INVERTEBRATES	4	0.6	9,372	103,089	*	0
6600 MICROORGANISMS VIRUSES	10	1.9	38,914	285,543	*	53,116
6700 PLANTS	8	4.0	0	345,890	*	36,693
6800 ANIMALS (VERTEBRATES)	2	1.7	0	122,514	*	0
6900 RESEARCH ON RSCH MGMT	1	0.3	23,277	41,589	*	0
7000 RSCH EQUIP & TECHNOLOGY	12	2.3	23,087	277,460	*	35,069
TOTAL		218.0	2,698,656	32,094,761	*	3,530,415

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL FORESTRY SCHOOLS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
101 APPRAIS OF SOIL RESOR	12	1.8	4,591	375,408	*	35,573
102 SOIL PLNT WTR NUTRI	52	12.9	119,090	2,433,787	*	173,087
104 ALTERN USE OF LAND	6	0.8	9,255	111,349	*	10,560
105 CONSERV USE OF WATER	5	0.5	22,285	46,896	*	0
107 WATERSHED PROT & MGMT	17	5.0	79,276	646,575	*	32,944
108 ECON LEG PROB OF WAT	2	0.8	0	96,879	*	0
109 WEATHER ADAPT & MCD	11	1.9	38,564	247,654	*	6,082
110 APPRAIS FORST & RANGS	28	5.3	98,295	658,806	*	12,593
111 BIOL CULT MGMT FORSTS	125	49.1	684,195	7,597,339	*	1,096,807
112 IMPROV RANGE RESOR	7	4.5	36,348	365,277	*	5,045
113 REMOTE SENSING	13	1.4	25,561	278,515	*	10,560
114 RSCH ON MGMT OF RSCH	1	0.3	23,277	41,589	*	0
SUBTOTAL		84.3	1,140,738	12,900,074	*	1,383,250
SERIES 200						
201 CNTRL FORST INSECTS	27	5.3	92,317	815,714	*	106,115
202 CONTROL FOREST DIS	33	7.2	188,150	937,761	*	176,375
203 FOREST FIRE PROTECT	8	1.2	4,440	178,966	*	31,158
209 CNTR WEEDS FLD CROPS	2	0.1	0	6,843	*	1,118
214 PROTECT FROM POLLUTION	17	7.6	25,250	1,106,222	*	17,412
SUBTOTAL		21.4	310,157	3,045,506	*	332,179
SERIES 300						
301 GENET BREED FORST TRE	28	11.4	133,409	2,093,069	*	160,931
302 IMP FOREST ENG SYS	11	5.8	67,174	1,020,541	*	338,779
303 ECON TIMBER PRODUCTN	18	4.8	34,164	699,148	*	100,611
318 NON CON BIO TECH/ELMET	13	9.2	25,086	687,086	*	99,066
SUBTOTAL		31.2	259,832	4,499,844	*	699,387
SERIES 400						
401 NEW IMP FOREST PRCD	70	40.0	319,366	5,503,102	*	644,672
411 IMP NON FOOD ANML PR	1	0.5	26,550	26,550	*	0
SUBTOTAL		40.5	345,916	5,529,652	*	644,672
SERIES 500						
502 MKTG TIMBER PRODUCTS	7	2.7	17,649	349,535	*	177,764
506 SPLY DEMAND AND PRIC	1	0.0	0	1,307	*	0
512 IMP GRADES FRST PROD	8	1.7	0	258,354	*	30,676
513 PRICE ANAL FRST PROD	5	1.3	43,436	102,883	*	0
SUBTOTAL		5.7	61,085	712,079	*	208,440
SERIES 600						
601 FGN MKT DEVELP	3	0.6	0	40,752	*	5,308
603 TECH AID DEV CRTY	2	1.2	0	306,158	*	0
604 PRD DVLPMT/MKTG FRGN	1	0.0	0	1,322	*	0
SUBTOTAL		1.8	0	348,232	*	5,308
SERIES 700						
702 FOOD PROT FROM TOX	1	0.0	0	16,814	*	0
707 TRANS ANIML MAN DIS	1	0.0	0	11,851	*	0
708 HUMAN NUTRITION	1	0.1	3,123	5,325	*	0
709 REDUCE HAZ HLTH & SFTY	1	0.1	0	8,055	*	0
SUBTOTAL		0.2	3,123	42,044	*	0
SERIES 800						
804 ECON POTENT RURL REO	1	0.4	29,068	61,418	*	0
806 ADJUSTMENT TO CHANGE	1	0.0	0	2,916	*	0
SUBTOTAL		0.4	29,068	64,334	*	0
SERIES 900						
901 ALLEV POLLUTION	30	8.6	5,463	1,364,377	*	46,969
902 OUTDOOR RECREATION	30	7.3	166,799	819,365	*	20,456
903 MULTI USE FOREST POTEN	26	3.2	92,279	371,417	*	23,178
904 WLDLFE AND FISH ECOL	82	12.7	273,761	2,349,000	*	157,672
905 TREES BEAUTIFICATION	4	0.1	4,765	24,420	*	8,904
906 ORNAMENT & TURF DEV	1	0.0	0	4,168	*	0
907 RURAL INCOME IMP	1	0.5	5,669	17,769	*	0
908 RURAL INSTITUT IMP	2	0.0	0	2,479	*	0
SUBTOTAL		32.4	548,736	4,952,996	*	257,179
SCIENCE IN SERV OF MAN						
GRAND TOTAL		218.0	2,698,656	32,094,761	*	3,530,415

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH ANN ARBOR F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	4	0.5	9,646	69,769	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	0	644	*	0
0400 AIR AND CLIMATE	1	0.2	0	31,059	*	0
0500 RECREATION RESOURCES	4	0.3	0	30,872	*	0
0600 TIMBER FORST PRODUCT	22	3.1	82,258	738,302	*	22,000
0800 WILDLIFE AND FISH	5	0.2	17,955	38,323	*	0
1300 ORNAMENTALS TURF	1	0.0	0	4,168	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.0	0	2,916	*	0
TOTAL		4.4	109,859	916,053	*	22,000

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH ARCATA F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0200 WATER	2	0.1	8,530	31,579	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	1,995	5,019	*	0
0600 TIMBER FORST PRODUCT	5	0.4	28,367	88,802	*	0
0800 WILDLIFE AND FISH	2	0.0	18,171	45,941	*	0
TOTAL		0.6	57,064	171,340	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH BURLINGTON F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	2	0.1	6,900	11,632	*	0
0200 WATER	1	0.0	800	1,286	*	0
0300 WATERSHEDS RIVER BAS	2	0.1	5,375	9,046	*	0
0500 RECREATION RESOURCES	1	0.4	19,827	64,506	*	6,385
0600 TIMBER FORST PRODUCT	10	1.3	71,990	386,489	*	161,252
0800 WILDLIFE AND FISH	2	0.7	39,004	73,551	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	3,999	6,432	*	0
6600 MICROORGANISMS VIRUSES	1	0.3	25,729	88,411	*	42,152
6900 RESEARCH ON RSCH MGMT	1	0.3	23,277	41,589	*	0
TOTAL		3.3	196,901	682,942	*	209,789

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH CARBONDALE F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	4	0.6	1,397	45,690	*	0
0200 WATER	1	0.1	1,397	5,237	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	3,155	3,920	*	0
0400 AIR AND CLIMATE	1	0.1	318	2,841	*	0
0500 RECREATION RESOURCES	1	0.5	5,133	34,814	*	0
0600 TIMBER FORST PRODUCT	13	5.0	73,874	452,429	*	0
TOTAL		6.4	85,274	544,931	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH CLEMSON F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	4	0.2	5,073	29,141	*	2,716
0200 WATER	1	0.2	0	21,662	*	0
0300 WATERSHEDS RIVER BAS	2	0.3	0	28,937	*	0
0500 RECREATION RESOURCES	1	0.1	0	12,691	*	0
0600 TIMBER FORST PRODUCT	58	12.0	285,860	1,330,999	*	17,669
0700 RANGE	1	0.1	0	5,725	*	0
0800 WILDLIFE AND FISH	10	1.3	18,281	135,101	*	0
TOTAL		14.3	309,214	1,564,257	*	20,385

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH CORVALLIS F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	11	2.5	4,591	336,833	*	61,635
0200 WATER	4	2.6	0	333,881	*	55,664
0300 WATERSHEDS RIVER BAS	6	1.1	17,768	209,952	*	2,317
0400 AIR AND CLIMATE	1	0.1	0	18,701	*	18,701
0500 RECREATION RESOURCES	7	2.3	23,185	199,696	*	9,647
0600 TIMBER FORST PRODUCT	67	41.8	373,983	6,805,921	*	2,025,537
0800 WILDLIFE AND FISH	5	0.3	0	118,473	*	18,783
2000 FORAGE CROPS	1	0.0	0	5,482	*	5,482
4300 SOC POLIT ORGANIZ	1	0.0	0	585	*	0
6100 WEEDS	2	0.2	0	18,773	*	9,474
6600 MICROORGANISMS VIRUSES	2	0.4	0	37,039	*	10,964
6700 PLANTS	1	0.0	0	6,036	*	6,036
7000 RSCH EQUIP & TECHNOLOGY	6	0.2	2,000	40,817	*	35,069
TOTAL		51.6	421,527	8,132,149	*	2,259,308

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH FLAGSTAFF F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	1	0.0	0	701	*	608
0300 WATERSHEDS RIVER BAS	1	0.3	0	21,442	*	0
0500 RECREATION RESOURCES	4	0.2	1,074	9,020	*	4,863
0600 TIMBER FORST PRODUCT	14	2.5	91,475	602,578	*	87,990
0800 WILDLIFE AND FISH	2	0.0	0	17,558	*	6,343
TOTAL		3.0	92,549	651,299	*	99,804

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH HOUGHTON F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	2	0.5	0	75,079	*	0
0400 AIR AND CLIMATE	1	0.1	0	41,768	*	0
0600 TIMBER FORST PRODUCT	19	12.5	119,050	2,025,181	*	21,552
0800 WILDLIFE AND FISH	1	0.2	0	51,110	*	0
TOTAL		13.3	119,050	2,193,138	*	21,552

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH MISSOULA F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	1	0.0	3,248	3,248	*	0
0200 WATER	2	1.1	12,991	92,069	*	0
0300 WATERSHEDS RIVER BAS	2	0.0	0	10,454	*	0
0500 RECREATION RESOURCES	3	0.0	0	4,383	*	4,383
0600 TIMBER FORST PRODUCT	24	9.0	138,398	939,966	*	104,925
0700 RANGE	4	2.9	22,799	271,157	*	0
0800 WILDLIFE AND FISH	6	0.3	57,417	74,163	*	13,191
1000 FRUIT NUTS DECIDUOUS	1	0.0	0	4,604	*	0
TOTAL		13.4	234,853	1,400,044	*	122,499

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH MOSCOW F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	1	0.6	29,801	72,011	*	0
0200 WATER	3	0.5	20,167	69,150	*	0
0500 RECREATION RESOURCES	3	1.7	94,410	244,493	*	0
0600 TIMBER FORST PRODUCT	21	11.1	61,471	1,527,825	*	33,467
0700 RANGE	4	1.6	13,550	105,245	*	5,045
0800 WILDLIFE AND FISH	33	5.7	39,559	1,218,354	*	114,289
4300 SOC POLIT ORGANIZ	2	0.9	34,737	79,187	*	0
TOTAL		22.1	293,694	3,316,265	*	152,801

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH NACOGDOCHES F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0300 WATERSHEDS RIVER BAS	1	0.7	9,014	51,361	*	0
0600 TIMBER FORST PRODUCT	13	2.6	145,319	402,908	*	22,339
0800 WILDLIFE AND FISH	2	0.8	10,630	98,506	*	4,557
TOTAL		4.1	164,963	552,775	*	26,896

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH RUSTON F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	2	0.3	13,858	44,031	*	0
0600 TIMBER FORST PRODUCT	9	2.4	99,532	317,586	*	0
TOTAL		2.7	113,390	361,616	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH S L OBISPO F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0600 TIMBER FORST PRODUCT	1	0.1	19,579	44,579	*	0
TOTAL		0.1	19,579	44,579	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH SEATTLE F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	17	1.9	0	444,291	*	46,178
0200 WATER	2	0.2	0	65,451	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	0	1,942	*	1,690
0400 AIR AND CLIMATE	5	0.4	0	63,333	*	1,866
0500 RECREATION RESOURCES	8	1.3	0	129,270	*	5,176
0600 TIMBER FORST PRODUCT	72	16.2	154,311	3,770,588	*	373,252
0800 WILDLIFE AND FISH	9	2.8	55,346	302,291	*	509
3900 HOUSING & EQUIP	1	0.5	0	23,908	*	0
6600 MICROORGANISMS VIRUSES	1	0.0	0	15,555	*	0
6700 PLANTS	3	0.1	0	51,364	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.5	21,087	32,828	*	0
TOTAL		24.0	230,744	4,900,821	*	428,671

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FORESTRY SCH SYRACUSE F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	11	2.4	3,261	266,295	*	10,560
0200 WATER	8	0.9	0	189,400	*	0
0300 WATERSHEDS RIVER BAS	8	0.9	0	351,796	*	0
0400 AIR AND CLIMATE	2	0.3	0	121,145	*	0
0500 RECREATION RESOURCES	3	0.2	0	46,258	*	3,098
0600 TIMBER FORST PRODUCT	79	37.0	224,178	4,365,771	*	122,396
0800 WILDLIFE AND FISH	13	2.0	0	262,740	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.1	0	19,906	*	0
4300 SOC POLIT ORGANIZ	1	0.0	0	1,934	*	0
6300 BIO CELL SYSTEMS	3	1.8	0	174,861	*	0
6500 INVERTEBRATES	4	0.6	9,372	103,089	*	0
6600 MICROORGANISMS VIRUSES	6	1.2	13,185	144,538	*	0
6700 PLANTS	4	3.8	0	288,491	*	30,657
6800 ANIMALS (VERTEBRATES)	2	1.7	0	122,514	*	0
7000 RSCH EQUIP & TECHNOLOGY	4	1.6	0	203,815	*	0
TOTAL		54.7	249,995	6,662,552	*	166,710
GRAND TOTAL		218.0	2,698,656	32,094,761	*	3,530,415

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NATIONAL TOTAL 1890/TUSKEGEE INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	12	3.8	381,567	397,505	*	8,474
0200 WATER	2	0.3	152,522	152,522	*	0
0300 WATERSHEDS RIVER BAS	2	2.0	124,671	124,671	*	0
0400 AIR AND CLIMATE	2	0.5	82,293	82,293	*	0
0600 TIMBER FORST PRODUCT	3	1.0	161,966	171,393	*	0
0700 RANGE	1	0.6	97,143	97,143	*	0
0800 WILDLIFE AND FISH	16	11.5	1,255,291	1,309,021	*	0
0900 CITRUS SUB TROP FRUT	2	0.3	73,994	73,994	*	0
1000 FRUIT NUTS DECIDUOUS	8	2.6	346,166	353,922	*	0
1100 POTATOES	1	0.5	45,497	46,022	*	0
1200 VEGETABLES	33	23.9	2,640,011	2,650,759	*	0
1300 ORNAMENTALS TURF	2	1.7	120,900	120,900	*	0
1400 CORN	4	1.1	133,954	135,194	*	10
1500 GRAIN SORGHUM	4	0.7	36,520	74,529	*	27,767
1700 WHEAT	4	0.7	79,390	80,768	*	0
1800 OTHER SMALL GRAINS	2	0.5	84,805	92,229	*	0
1900 PASTURE	1	0.3	57,863	57,863	*	0
2000 FORAGE CROPS	13	4.0	324,798	374,327	*	27,816
2100 COTTON	1	0.1	9,100	9,100	*	0
2300 SOYBEANS	23	16.0	1,841,880	1,897,943	*	0
2400 PEANUTS	3	2.5	81,047	193,656	*	0
2500 OTHER OILSEED CROPS	4	0.5	111,313	117,186	*	0
2700 SUGAR CROPS	2	0.3	56,079	58,925	*	0
2800 MISC NEW CROPS	2	0.0	727	1,504	*	0
2900 POULTRY	10	3.1	586,417	643,298	*	285
3000 BEEF CATTLE	11	2.9	712,696	753,579	*	0
3100 DAIRY CATTLE	5	3.6	665,479	674,047	*	0
3200 SWINE	9	6.0	868,912	905,731	*	0
3300 SHEEP AND WOOL	1	0.5	113,749	118,737	*	0
3400 OTHER ANIMALS	19	21.8	2,317,842	2,378,359	*	50,508
3500 BEES AND HONEY	1	0.3	28,026	28,026	*	0
3700 CLOTHING & TEXTILES	12	3.5	349,645	350,934	*	0
3800 FOOD	16	6.5	731,524	733,385	*	0
3900 HOUSING & EQUIP	8	1.8	216,995	217,502	*	0
4000 PEOPLE AS INDIVIDUALS	36	20.6	2,246,498	2,265,282	*	0
4100 FAMILY MEMBERS	15	7.9	798,904	806,610	*	0
4200 FARM AS BUSINESS	8	4.7	453,342	458,950	*	0
4300 SOC POLIT ORGANIZ	20	9.0	998,279	1,036,888	*	0
4400 AGRIC ECONOMY U S	2	0.2	14,282	16,248	*	0
4700 OTH MARKET PROCESS	3	1.1	94,885	94,885	*	0
4800 MARKETING SYSTEMS	4	2.7	233,857	234,278	*	0
6100 NEEDS	1	0.1	30,511	30,511	*	0
6300 BIO CELL SYSTEMS	2	0.5	111,108	116,403	*	0
6400 EXP DESIGN/STAT METHOD	1	0.3	37,393	37,393	*	0
6500 INVERTEBRATES	2	1.1	62,327	62,327	*	0
6700 PLANTS	4	0.9	154,605	155,459	*	0
6800 ANIMALS(VERTEBRATES)	5	3.1	270,903	272,090	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.5	62,667	62,667	*	0
TOTAL		178.1	20,460,341	21,126,954	*	114,860

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL 1890/TUSKEGEE INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
101 APPRAIS OF SOIL RESOR	1	0.0	0	8,435	*	8,435
102 SOIL PLNT WTR NUTRI	12	5.1	616,008	618,171	*	39
104 ALTERN USE OF LAND	3	0.3	37,259	37,259	*	0
105 CONSERV USE OF WATER	3	3.6	210,398	210,398	*	0
107 WATERSHED PROT & MGMT	1	0.2	41,398	41,398	*	0
109 WEATHER ADAPT & MCD	5	0.6	109,712	110,566	*	0
110 APPRAIS FORST & RANGS	1	0.4	72,857	72,857	*	0
111 BIOL CULT MGMT FORSTS	1	0.6	56,537	60,450	*	0
112 IMPROV RANGE RESOR	1	0.1	24,286	24,286	*	0
113 REMOTE SENSING	1	1.3	70,671	76,944	*	0
SUBTOTAL		12.4	1,239,126	1,260,764	*	8,474
SERIES 200						
204 CNTR PESTS FRT & VEGS	3	1.5	134,179	134,179	*	0
205 CNTR DISE FRT & VEG	8	1.0	110,227	110,227	*	0
206 CNTR WEEDS FRT & VEG	6	1.2	197,955	198,281	*	0
207 CNTR PESTS FLD CROPS	8	5.6	488,103	489,700	*	0
208 CNTR DIS FIELD CROPS	1	0.8	63,604	69,501	*	0
209 CNTR WEEDS FLD CROPS	1	0.4	40,892	41,363	*	0
211 CONTR DIS ANIMALS	3	0.9	315,054	317,137	*	0
213 PROT ANMLS FROM TOXINS	1	0.1	18,800	18,800	*	0
214 PROTECT FROM POLLUTION	4	1.3	225,525	225,525	*	0
SUBTOTAL		13.0	1,594,339	1,604,713	*	0
SERIES 300						
301 GENET BREED FORST TRE	1	0.4	42,107	42,107	*	0
304 IMP BIO EFF FRT & VEGS	29	15.2	1,670,863	1,679,085	*	0
306 PROD MGMT SYS F & V	2	0.2	63,630	63,884	*	0
307 IMP BIO EFF FLD CRP	22	9.9	1,270,216	1,347,982	*	10
309 PROD MGMT SYS FLD CRP	5	0.7	56,249	124,043	*	55,534
310 ANIMAL REPRODUCTION	10	7.2	816,040	888,198	*	9,805
311 IMP BIO EFF ANML PR	27	19.8	3,043,245	3,139,962	*	39,974
312 ENV STRESS IN ANMI PR	4	1.8	221,557	222,078	*	0
313 PROD MGMT SYS ANMI PR	3	0.1	32,155	54,437	*	114
314 BEES OTH POLLNTNG INS	1	0.3	28,026	28,026	*	0
316 FARM BUSINESS MGMT	7	4.0	370,401	371,366	*	0
318 NON COM BIO TECH/EINST	2	0.5	111,108	116,403	*	0
SUBTOTAL		60.2	7,725,597	8,077,571	*	105,437
SERIES 400						
402 PROD F & V IMP ACCEPT	4	2.6	281,792	281,792	*	0
403 NEW & IMP F & V PROD	5	1.3	171,497	179,802	*	0
404 MKT QUAL FRTS & VEGS	1	0.6	47,004	47,004	*	0
405 PROD FLD CROP IMP ACPT	4	0.9	150,222	150,222	*	0
406 NEW IMP FOOD FLD CROP	4	1.3	127,804	146,229	*	0
407 NEW IMP NON FOOD PC	1	0.1	9,100	9,100	*	0
408 MKT QUAL FIELD CROPS	2	0.5	26,580	32,578	*	0
409 PROD ANML PR IMP ACCP	6	1.6	182,574	182,884	*	180
410 IMP MEAT MILK EGG PR	5	2.8	269,672	270,392	*	720
411 IMP NON FOOD ANML PR	1	0.2	15,166	15,341	*	0
412 MKT QUAL ANIMAL PROD	1	0.0	26,576	38,941	*	0
SUBTOTAL		11.8	1,307,986	1,354,283	*	900
SERIES 500						
503 MKTG EFF AGRI PRODS	1	0.0	8,781	8,781	*	0
506 SPLY DEMAND AND PRIC	4	0.6	28,107	28,107	*	0
507 COMP REL IN AGRIC	1	0.5	21,198	21,198	*	0
508 DOMESTIC MKT DEVELP	5	1.6	106,917	106,917	*	0
509 PERFORMANCE MKTG SYS	4	2.2	192,332	192,753	*	0
510 GROUP ACT MKT POWER	1	0.3	27,393	27,393	*	0
511 IMP AGRIC STATISTICS	1	0.3	37,393	37,393	*	0
SUBTOTAL		5.5	422,119	422,540	*	0
SERIES 600						
603 TECH AID DEV CRTY	2	1.2	0	78,003	*	0
SUBTOTAL		1.2	0	78,003	*	0
SERIES 700						
701 TOX RES IN FOOD	2	0.6	62,642	62,642	*	0
702 FOOD PROT FROM TOX	7	1.2	143,222	154,054	*	0
703 FOOD CONSUMP HABITS	16	4.3	498,449	512,396	*	0
704 HOME COMM FOOD SERV	1	0.3	26,999	26,999	*	0
705 SEL CARE CLOTH & TEXTL	12	3.5	349,645	350,934	*	0
707 TRANS ANIML MAN SYS	1	0.3	72,964	72,964	*	0
708 HUMAN NUTRITION	22	12.7	1,466,561	1,479,567	*	0
SUBTOTAL		22.8	2,620,482	2,659,556	*	0
SERIES 800						
801 RURAL HOUSING	13	3.2	383,549	384,607	*	0
802 INDIV & FAM DEC MAKING	16	6.5	634,104	636,351	*	0
803 RURAL POVERTY	5	1.8	163,593	168,393	*	0
804 ECON POTENT RURL PEO	16	8.8	1,000,308	1,015,965	*	0
805 COMMUNICAT EDUC PROC	9	3.1	342,261	350,076	*	0
806 ADJUSTMENT TO CHANGE	11	5.6	639,145	639,482	*	0
807 AGRIC ECONOMIC CHANGE	6	2.4	260,236	270,777	*	0
SUBTOTAL		31.6	3,423,194	3,465,650	*	0
SERIES 900						
901 ALLEV POLLUTION	5	1.2	317,387	318,925	*	49
904 WLDLFE AND FISH ECOL	16	12.1	1,181,206	1,222,571	*	0
905 TREES BEAUTIFICATION	1	0.0	63,322	68,836	*	0
906 ORNAMENT & TURF DEV	2	1.7	120,900	120,900	*	0
907 RURAL INCOME IMP	2	0.7	105,442	106,584	*	0
908 RURAL INSTITUT IMP	5	3.9	339,240	366,056	*	0
SUBTOTAL		19.6	2,127,498	2,203,873	*	49
SCIENCE IN SERV OF MAN						
GRAND TOTAL		178.1	20,460,341	21,126,954	*	114,860

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- AG TECH NC. GREENSBORO 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
1100 POTATOES	1	0.5	45,497	46,022	*	0
1200 VEGETABLES	1	0.7	144,811	146,481	*	0
1400 CORN	1	0.3	80,839	81,771	*	0
2000 FORAGE CROPS	1	0.7	78,065	78,965	*	0
2300 SOYBEANS	3	1.5	258,976	261,962	*	0
3000 BEEF CATTLE	1	0.5	180,654	182,737	*	0
3100 DAIRY CATTLE	1	0.2	15,166	15,341	*	0
3200 SWINE	1	0.9	259,616	262,610	*	0
3800 FOOD	1	0.6	94,737	95,830	*	0
4000 PEOPLE AS INDIVIDUALS	5	3.4	354,175	358,260	*	0
4100 FAMILY MEMBERS	1	0.3	26,889	27,199	*	0
4200 FARM AS BUSINESS	1	0.9	123,289	124,711	*	0
4300 SOC POLIT ORGANIZ	2	0.8	116,904	118,253	*	0
4800 MARKETING SYSTEMS	1	0.3	22,407	22,666	*	0
6700 PLANTS	1	0.3	74,065	74,919	*	0
6800 ANIMALS (VERTEBRATES)	1	0.5	102,908	104,095	*	0
TOTAL		12.5	1,978,997	2,001,821	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- ALA A&M NORMAL 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	2	1.3	70,671	85,379	*	8,435
0600 TIMBER FORST PRODUCT	1	0.6	56,537	60,450	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.6	71,050	78,806	*	0
1200 VEGETABLES	3	0.4	67,844	76,272	*	0
1500 GRAIN SORGHUM	3	0.3	15,088	53,097	*	27,767
1700 WHEAT	1	0.0	11,307	12,685	*	0
1800 OTHER SMALL GRAINS	2	0.5	84,805	92,229	*	0
2000 FORAGE CROPS	4	0.3	25,017	60,209	*	27,767
2300 SOYBEANS	7	2.8	362,647	415,724	*	0
2400 PEANUTS	2	1.5	0	112,609	*	0
2500 OTHER OILSEED CROPS	2	0.0	4,311	9,138	*	0
2700 SUGAR CROPS	1	0.1	15,548	18,394	*	0
3000 BEEF CATTLE	2	0.4	65,537	78,149	*	0
3100 DAIRY CATTLE	1	0.3	70,671	79,064	*	0
3200 SWINE	1	0.0	11,121	13,769	*	0
3400 OTHER ANIMALS	1	0.4	70,402	80,411	*	0
3700 CLOTHING & TEXTILES	1	0.3	14,134	14,642	*	0
3800 FOOD	1	0.3	14,134	14,642	*	0
3900 HOUSING & EQUIP	1	0.3	14,134	14,642	*	0
4000 PEOPLE AS INDIVIDUALS	3	0.9	90,104	93,352	*	0
4200 FARM AS BUSINESS	1	0.2	21,297	25,229	*	0
4300 SOC POLIT ORGANIZ	3	0.9	92,639	124,969	*	0
4400 AGRIC ECONOMY U S	1	0.1	10,649	12,615	*	0
6300 BIO CELL SYSTEMS	1	0.1	22,242	27,537	*	0
TOTAL		12.6	1,281,891	1,654,012	*	63,969

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- ALA TUSKEGEE TUSKEGEE 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	2	0.1	17,633	17,633	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.5	56,902	56,902	*	0
1200 VEGETABLES	5	3.8	400,043	400,043	*	0
1400 CORN	1	0.1	6,756	6,756	*	0
2900 POULTRY	2	0.6	141,265	141,265	*	0
3200 SWINE	2	0.5	132,696	132,696	*	0
3400 OTHER ANIMALS	5	2.0	274,496	274,496	*	0
3500 BEES AND HONEY	1	0.3	28,026	28,026	*	0
4000 PEOPLE AS INDIVIDUALS	2	1.0	81,302	81,302	*	0
4100 FAMILY MEMBERS	1	0.4	22,368	22,368	*	0
4300 SOC POLIT ORGANIZ	1	0.2	11,184	11,184	*	0
4700 OTH MARKET PROCESS	1	0.3	27,393	27,393	*	0
TOTAL		9.8	1,200,064	1,200,064	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- ALCORN A&M LORMAN 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0200 WATER	1	0.2	139,585	139,585	*	0
0800 WILDLIFE AND FISH	1	0.4	81,100	81,100	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.6	101,062	101,062	*	0
1200 VEGETABLES	3	0.6	175,352	175,352	*	0
1900 PASTURE	1	0.3	57,863	57,863	*	0
2700 SUGAR CROPS	1	0.2	40,531	40,531	*	0
2900 POULTRY	1	0.2	61,332	61,332	*	0
3000 BEEF CATTLE	1	0.3	57,863	57,863	*	0
3100 DAIRY CATTLE	1	0.6	101,350	101,350	*	0
3700 CLOTHING & TEXTILES	1	0.3	39,445	39,445	*	0
3800 FOOD	1	0.4	52,593	52,593	*	0
3900 HOUSING & EQUIP	1	0.3	39,445	39,445	*	0
4000 PEOPLE AS INDIVIDUALS	3	1.1	262,836	262,836	*	0
4200 FARM AS BUSINESS	1	0.2	42,420	42,420	*	0
4300 SOC POLIT ORGANIZ	1	0.3	45,608	45,608	*	0
6100 WEEDS	1	0.1	30,511	30,511	*	0
TOTAL		6.1	1,328,894	1,328,894	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- ARK A&M PINE BLUFF 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	6	4.7	490,413	509,184	*	0
1200 VEGETABLES	1	1.3	168,932	169,583	*	0
2000 FORAGE CROPS	1	0.0	1,212	2,083	*	0
2100 COTTON	1	0.1	9,100	9,100	*	0
2500 OTHER OILSEED CROPS	1	0.0	1,455	2,500	*	0
2800 MISC NEW CROPS	1	0.0	727	1,250	*	0
2900 POULTRY	2	1.1	127,503	128,677	*	0
3700 CLOTHING & TEXTILES	3	0.6	71,710	72,491	*	0
3800 FOOD	1	0.1	46,383	46,644	*	0
3900 HOUSING & EQUIP	1	0.0	43,246	43,246	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.1	63,152	63,575	*	0
4100 FAMILY MEMBERS	1	0.0	20,122	20,317	*	0
4300 SOC POLIT ORGANIZ	1	0.0	13,415	13,545	*	0
4800 MARKETING SYSTEMS	1	0.0	16,769	16,931	*	0
TOTAL		8.1	1,074,140	1,099,127	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- DEL STATE COL DOVER 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0600 TIMBER FORST PRODUCT	1	0.0	63,322	68,836	*	0
0800 WILDLIFE AND FISH	2	1.6	132,641	142,871	*	0
2000 FORAGE CROPS	2	1.6	105,709	116,737	*	0
4000 PEOPLE AS INDIVIDUALS	2	2.4	139,155	150,183	*	0
TOTAL		5.6	440,827	478,627	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FLORIDA A&M TALLAHASSE 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	1	1.0	100,046	100,046	*	0
0300 WATERSHEDS, RIVER BAS	2	2.0	124,671	124,671	*	0
1200 VEGETABLES	1	1.0	79,327	79,327	*	0
2400 PEANUTS	1	1.0	81,047	81,047	*	0
3000 BEEF CATTLE	1	0.3	38,822	38,822	*	0
3200 SWINE	1	0.3	63,218	63,218	*	0
3400 OTHER ANIMALS	1	1.2	127,726	127,726	*	0
4300 SOC POLIT ORGANIZ	1	0.3	30,318	30,318	*	0
6500 INVERTEBRATES	1	1.0	43,631	43,631	*	0
TOTAL		8.1	688,805	688,805	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- FT. VALLEY COL FORT VALLEY 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	3	0.3	44,902	44,902	*	0
0200 WATER	1	0.1	12,937	12,937	*	0
0400 AIR AND CLIMATE	1	0.1	6,781	6,781	*	0
0900 CITRUS SUB TROP FRUT	1	0.0	49,487	49,487	*	0
1000 FRUIT NUTS DECIDUCUS	4	0.6	92,645	92,645	*	0
1200 VEGETABLES	7	2.9	303,936	303,936	*	0
1300 ORNAMENTALS TURF	1	0.1	20,100	20,100	*	0
2000 FORAGE CROPS	1	0.1	11,340	11,340	*	0
2300 SOYBEANS	1	0.0	7,637	7,637	*	0
2900 POULTRY	1	0.1	8,378	8,378	*	0
3000 BEEF CATTLE	1	0.0	939	939	*	0
3400 OTHER ANIMALS	2	1.8	506,997	506,997	*	0
3700 CLOTHING & TEXTILES	1	0.1	5,046	5,046	*	0
3800 FOOD	2	0.6	40,836	40,836	*	0
3900 HOUSING & EQUIP	1	0.1	5,046	5,046	*	0
4000 PEOPLE AS INDIVIDUALS	4	0.9	98,446	98,446	*	0
4100 FAMILY MEMBERS	2	0.5	60,095	60,095	*	0
4300 SOC POLIT ORGANIZ	2	0.7	68,710	68,710	*	0
6700 PLANTS	1	0.1	12,937	12,937	*	0
6800 ANIMALS (VERTEBRATES)	1	0.0	4,191	4,191	*	0
TOTAL		9.1	1,361,386	1,361,386	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- KY STATE COLL FRANKFORT 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0600 TIMBER FORST PRODUCT	1	0.4	42,107	42,107	*	0
0800 WILDLIFE AND FISH	3	2.5	213,447	213,447	*	0
1200 VEGETABLES	1	0.4	73,657	73,657	*	0
1400 CORN	1	0.6	39,671	39,671	*	0
1700 WHEAT	1	0.2	34,662	34,662	*	0
2000 FORAGE CROPS	2	0.6	48,581	48,581	*	0
2300 SOYBEANS	1	0.9	58,012	58,012	*	0
3400 OTHER ANIMALS	1	0.2	20,069	20,069	*	0
3700 CLOTHING & TEXTILES	1	0.6	70,268	70,268	*	0
3800 FOOD	2	0.8	90,338	90,338	*	0
4000 PEOPLE AS INDIVIDUALS	4	1.7	221,338	221,338	*	0
4100 FAMILY MEMBERS	2	1.4	208,791	208,791	*	0
4300 SOC POLIT ORGANIZ	1	1.0	95,327	95,327	*	0
6400 EXP DESIGN/STAT METHOD	1	0.3	37,393	37,393	*	0
6500 INVERTEBRATES	1	0.1	18,696	18,696	*	0
TOTAL		11.7	1,272,357	1,272,357	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- LANGSTON UNIV LANGSTON 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	1	0.4	21,432	21,432	*	0
0800 WILDLIFE AND FISH	1	0.8	88,912	88,912	*	0
1200 VEGETABLES	1	0.8	88,912	88,912	*	0
1500 GRAIN SORGHUM	1	0.4	21,432	21,432	*	0
1700 WHEAT	1	0.4	21,432	21,432	*	0
2000 FORAGE CROPS	1	0.4	21,432	21,432	*	0
2300 SOYBEANS	2	1.4	179,640	179,640	*	0
3400 OTHER ANIMALS	1	3.9	444,622	444,622	*	0
TOTAL		8.4	887,814	887,814	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- LINCOLN UNIV JEFFERSON 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0700 RANGE	1	0.6	97,143	97,143	*	0
0900 CITRUS SUB TROP FRUT	1	0.3	24,507	24,507	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.3	24,507	24,507	*	0
1200 VEGETABLES	3	2.7	271,533	271,533	*	0
2300 SOYBEANS	1	1.3	131,815	131,815	*	0
2900 POULTRY	1	0.0	5,913	5,913	*	0
3000 BEEF CATTLE	3	0.5	136,252	162,440	*	0
3200 SWINE	2	1.0	109,130	140,307	*	0
3300 SHEEP AND WOOL	1	0.5	113,749	118,737	*	0
3400 OTHER ANIMALS	2	2.4	174,503	174,503	*	0
3700 CLOTHING & TEXTILES	1	0.0	15,038	15,038	*	0
3800 FOOD	2	0.5	69,203	69,203	*	0
3900 HOUSING & EQUIP	1	0.0	15,038	15,038	*	0
4000 PEOPLE AS INDIVIDUALS	2	2.5	194,042	194,042	*	0
4100 FAMILY MEMBERS	2	0.3	21,419	21,419	*	0
4200 FARM AS BUSINESS	1	0.1	3,633	3,633	*	0
4400 AGRIC ECONOMY U S	1	0.1	3,633	3,633	*	0
4700 OTH MARKET PROCESS	1	0.1	3,633	3,633	*	0
6800 ANIMALS (VERTEBRATES)	1	0.4	32,014	32,014	*	0
TOTAL		13.6	1,446,704	1,509,057	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- MD. STATE COL PRINCESS ANN 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	1	0.2	26,753	27,983	*	39
0800 WILDLIFE AND FISH	1	0.0	53,153	77,882	*	0
1400 CORN	1	0.0	6,688	6,996	*	10
2000 FORAGE CROPS	1	0.3	33,441	34,979	*	49
2300 SOYBEANS	4	2.5	358,793	358,793	*	0
2800 MISC NEW CROPS	1	0.0	0	254	*	0
2900 POULTRY	1	0.0	33,513	89,220	*	285
3700 CLOTHING & TEXTILES	1	0.3	26,361	26,361	*	0
3800 FOOD	1	0.3	24,810	24,810	*	0
3900 HOUSING & EQUIP	1	0.3	26,361	26,361	*	0
4100 FAMILY MEMBERS	1	0.6	76,546	83,746	*	0
4200 FARM AS BUSINESS	1	0.0	0	254	*	0
4300 SOC POLIT ORGANIZ	1	0.4	51,030	55,830	*	0
6700 PLANTS	1	0.4	48,803	48,803	*	0
TOTAL		5.4	766,251	862,271	*	383

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- PRAIRIE VW A&M PRAIRIE VIEW 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	1	0.2	28,200	28,200	*	0
1200 VEGETABLES	1	2.6	242,137	242,137	*	0
3100 DAIRY CATTLE	1	2.0	355,781	355,781	*	0
3400 OTHER ANIMALS	5	9.5	623,290	673,798	*	50,508
3700 CLOTHING & TEXTILES	1	0.4	38,655	38,655	*	0
3800 FOOD	1	0.8	77,310	77,310	*	0
3900 HOUSING & EQUIP	1	0.4	38,655	38,655	*	0
4000 PEOPLE AS INDIVIDUALS	1	1.5	133,898	133,898	*	0
4100 FAMILY MEMBERS	1	2.0	95,573	95,573	*	0
6700 PLANTS	1	0.1	18,800	18,800	*	0
6800 ANIMALS (VERTEBRATES)	2	2.3	131,790	131,790	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.5	62,667	62,667	*	0
TOTAL		22.2	1,846,756	1,897,264	*	50,508

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SC STATE COLL ORANGEBURG 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0400 AIR AND CLIMATE	1	0.4	75,512	75,512	*	0
0800 WILDLIFE AND FISH	1	0.1	32,141	32,141	*	0
1200 VEGETABLES	1	0.5	62,497	62,497	*	0
3800 FOOD	1	0.4	48,441	48,441	*	0
4000 PEOPLE AS INDIVIDUALS	3	0.9	93,040	93,040	*	0
4100 FAMILY MEMBERS	2	1.7	170,672	170,672	*	0
4200 FARM AS BUSINESS	1	0.7	67,677	67,677	*	0
4300 SOC POLIT ORGANIZ	6	2.9	354,988	354,988	*	0
6300 BIO CELL SYSTEMS	1	0.4	88,866	88,866	*	0
TOTAL		8.0	993,834	993,834	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SOUTHERN UNIV BATON ROUGE 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
1200 VEGETABLES	2	1.5	238,613	238,613	*	0
2500 OTHER OILSEED CROPS	1	0.5	105,547	105,547	*	0
2900 POULTRY	1	0.7	73,015	73,015	*	0
3000 BEEF CATTLE	1	0.5	117,426	117,426	*	0
3100 DAIRY CATTLE	1	0.5	122,511	122,511	*	0
3200 SWINE	1	1.0	98,166	98,166	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.5	114,124	114,124	*	0
4800 MARKETING SYSTEMS	1	1.9	152,108	152,108	*	0
TOTAL		7.1	1,021,510	1,021,510	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- TEN A&M IND NASHVILLE 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	1	0.2	71,930	71,930	*	0
1200 VEGETABLES	2	1.1	126,507	126,507	*	0
1300 ORNAMENTALS TURF	1	1.6	100,800	100,800	*	0
1700 WHEAT	1	0.0	11,988	11,988	*	0
2300 SOYBEANS	3	2.1	245,717	245,717	*	0
2900 POULTRY	1	0.4	135,497	135,497	*	0
3000 BEEF CATTLE	1	0.4	115,203	115,203	*	0
3400 OTHER ANIMALS	1	0.4	75,737	75,737	*	0
3700 CLOTHING & TEXTILES	1	0.4	33,918	33,918	*	0
3800 FOOD	1	0.4	33,918	33,918	*	0
4000 PEOPLE AS INDIVIDUALS	2	2.6	259,744	259,744	*	0
4100 FAMILY MEMBERS	1	0.4	47,348	47,348	*	0
4200 FARM AS BUSINESS	1	0.7	71,022	71,022	*	0
4300 SOC POLIT ORGANIZ	1	1.6	118,157	118,157	*	0
4700 OTH MARKET PROCESS	1	0.8	63,859	63,859	*	0
4800 MARKETING SYSTEMS	1	0.5	42,573	42,573	*	0
TOTAL		13.7	1,553,917	1,553,917	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- VA STATE COLL PETERSBURG 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	1	1.5	163,484	163,484	*	0
1200 VEGETABLES	1	3.5	195,910	195,910	*	0
2300 SOYBEANS	1	3.5	238,643	238,643	*	0
3200 SWINE	1	2.2	194,965	194,965	*	0
3700 CLOTHING & TEXTILES	1	0.4	35,071	35,071	*	0
3800 FOOD	2	1.2	138,821	138,821	*	0
3900 HOUSING & EQUIP	1	0.4	35,071	35,071	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.9	141,143	141,143	*	0
4100 FAMILY MEMBERS	1	0.3	49,083	49,083	*	0
4200 FARM AS BUSINESS	1	2.0	124,004	124,004	*	0
TOTAL		16.1	1,316,194	1,316,194	*	0
GRAND TOTAL		178.1	20,460,341	21,126,954	*	114,860

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NATIONAL TOTAL SCHOOLS OF VETERINARY MEDICINE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	21	8.4	26,732	1,795,120	*	135,151
2900 POULTRY	62	27.9	140,370	5,179,250	*	331,451
3000 BEEF CATTLE	160	76.3	351,840	14,715,868	*	783,231
3100 DAIRY CATTLE	175	45.3	388,022	8,810,334	*	372,938
3200 SWINE	131	29.8	189,586	5,885,463	*	563,121
3300 SHEEP AND WOOL	45	22.7	104,671	4,241,787	*	330,843
3400 OTHER ANIMALS	257	99.3	128,640	20,746,224	*	86,306
3800 FOOD	1	0.0	0	623	*	0
4000 PEOPLE AS INDIVIDUALS	11	4.5	0	1,039,438	*	782
4100 FAMILY MEMBERS	3	0.1	0	71,259	*	0
6300 BIO CELL SYSTEMS	4	2.5	0	482,354	*	33,187
6500 INVERTEBRATES	2	0.4	0	82,336	*	57,589
6600 MICROORGANISMS VIRUSES	11	3.3	0	598,230	*	100,978
6700 PLANTS	1	0.0	0	459	*	0
6800 ANIMALS (VERTEBRATES)	112	98.5	75,270	18,768,784	*	104,121
7000 RSCH EQUIP & TECHNOLOGY	3	0.3	0	58,385	*	8,605
TOTAL		419.4	1,405,132	82,475,912	*	2,908,303

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL SCHOOLS OF VETERINARY MEDICINE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 200						
210 CONTR PESTS ANIMALS	2	0.0	0	969	*	0
211 CONTR DIS ANIMALS	503	280.6	1,019,498	52,160,258	*	2,007,284
212 CNTR INTER PARASITES	24	4.1	19,346	699,350	*	93,600
213 PROT ANMLS FROM TOXINS	31	46.8	88,335	9,478,583	*	71,065
214 PROTECT FROM POLLUTION	10	16.4	26,536	4,149,459	*	3,048
SUBTOTAL		347.8	1,153,715	66,484,620	*	2,174,997
SERIES 300						
310 ANIMAL REPRODUCTION	52	20.6	97,586	4,621,637	*	196,368
311 IMP BIO EFF ANML PR	91	21.7	105,573	4,341,413	*	158,385
312 ENV STRESS IN ANMI PR	11	3.6	11,935	915,000	*	0
313 PROD MGMT SYS ANMI PR	2	0.5	7,500	61,663	*	0
318 NON CON BIO TECH/EINST	31	10.7	0	2,348,640	*	76,684
SUBTOTAL		57.2	222,595	12,288,353	*	431,437
SERIES 400						
409 PROD ANML PR IMP ACCP	8	0.3	2,090	306,466	*	19,179
410 IMP MEAT MILK EGG PR	2	0.3	4,686	52,860	*	5,531
412 MKT QUAL ANIMAL PROD	2	0.3	0	89,835	*	0
SUBTOTAL		1.0	6,776	449,161	*	24,710
SERIES 500						
511 IMP AGRIC STATISTICS	1	0.1	0	45,280	*	0
SUBTOTAL		0.1	0	45,280	*	0
SERIES 600						
603 TECH AID DEV CRTY	1	1.1	0	238,422	*	0
SUBTOTAL		1.1	0	238,422	*	0
SERIES 700						
701 TOX RES IN FOOD	1	0.3	0	229,153	*	141,225
702 FOOD PROT FROM TOX	1	0.2	0	15,000	*	0
707 TRANS ANIML HAN DIS	10	3.8	0	1,016,966	*	782
708 HUMAN NUTRITION	1	0.0	0	10,443	*	0
709 REDUCE HAZ HLTH & SFTY	2	0.8	0	83,288	*	0
SUBTOTAL		5.1	0	1,354,850	*	142,007
SERIES 900						
904 WLDLFE AND FISH ECOL	19	7.1	22,046	1,615,225	*	135,151
SUBTOTAL		7.1	22,046	1,615,225	*	135,151
SCIENCE IN SERV OF MAN GRAND TOTAL		419.4	1,405,132	82,475,912	*	2,908,303

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED AUBURN VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	3	1.3	0	200,180	*	7,286
2900 POULTRY	2	0.8	0	143,823	*	46,445
3000 BEEF CATTLE	12	5.4	8,809	705,180	*	0
3100 DAIRY CATTLE	6	1.8	5,873	291,085	*	0
3200 SWINE	5	1.2	0	154,917	*	0
3400 OTHER ANIMALS	6	4.5	17,252	411,416	*	0
TOTAL		15.0	31,934	1,906,601	*	53,731

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED CALIFORNIA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	3	0.6	0	82,496	*	0
2900 POULTRY	1	2.4	0	59,053	*	0
3000 BEEF CATTLE	12	5.9	37,750	836,173	*	35,311
3100 DAIRY CATTLE	23	10.7	121,279	1,217,962	*	86,805
3200 SWINE	3	2.6	3,250	104,190	*	35,311
3300 SHEEP AND WOOL	7	4.0	13,000	382,707	*	35,311
3400 OTHER ANIMALS	12	12.2	5,250	3,598,948	*	0
6800 ANIMALS (VERTEBRATES)	6	12.6	4,500	4,655,457	*	0
TOTAL		51.0	185,029	10,936,985	*	192,739

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED COLORADO VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
2900 POULTRY	1	0.4	0	50,861	*	50,861
3000 BEEF CATTLE	6	42.0	158,375	8,622,625	*	105,996
3100 DAIRY CATTLE	2	8.0	29,976	1,758,040	*	26,113
3300 SHEEP AND WOOL	6	12.0	50,793	2,347,157	*	168,799
3400 OTHER ANIMALS	1	0.6	13,188	209,043	*	3,391
6500 INVERTEBRATES	1	0.4	0	57,589	*	57,589
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	0	8,605	*	8,605
TOTAL		63.5	252,333	13,053,920	*	421,355

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED FLORIDA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	1	0.5	0	79,385	*	0
3000 BEEF CATTLE	13	3.2	6,436	748,701	*	0
3100 DAIRY CATTLE	4	0.6	2,724	132,369	*	0
3200 SWINE	7	2.0	2,050	489,248	*	0
3300 SHEEP AND WOOL	3	0.4	425	198,652	*	0
3400 OTHER ANIMALS	37	15.8	46,715	3,333,143	*	0
6800 ANIMALS (VERTEBRATES)	3	1.2	1,500	239,094	*	0
TOTAL		23.8	59,851	5,220,593	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED GEORGIA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	3	1.5	23,432	270,537	*	52,215
2900 POULTRY	5	13.7	66,071	2,418,551	*	78,887
3000 BEEF CATTLE	5	1.4	12,823	157,256	*	0
3100 DAIRY CATTLE	6	2.6	12,823	417,881	*	5,531
3200 SWINE	9	3.0	5,307	484,869	*	12,326
3300 SHEEP AND WOOL	2	0.9	2,654	135,278	*	0
3400 OTHER ANIMALS	3	5.3	0	795,694	*	5,531
4000 PEOPLE AS INDIVIDUALS	2	0.2	0	38,059	*	0
4100 FAMILY MEMBERS	1	0.0	0	12,466	*	0
6300 BIO CELL SYSTEMS	2	1.3	0	178,704	*	33,187
6600 MICROORGANISMS VIRUSES	4	1.0	0	175,922	*	17,857
6800 ANIMALS (VERTEBRATES)	3	0.2	5,770	54,502	*	11,694
TOTAL		31.2	128,880	5,135,718	*	217,229

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED IOWA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
2900 POULTRY	20	3.3	24,500	707,587	*	54,392
3000 BEEF CATTLE	33	4.4	31,500	980,662	*	155,037
3100 DAIRY CATTLE	30	3.4	27,500	793,801	*	97,071
3200 SWINE	61	9.5	84,475	2,267,752	*	163,512
3300 SHEEP AND WOOL	4	0.5	5,500	98,091	*	0
3400 OTHER ANIMALS	3	0.3	0	32,636	*	0
6800 ANIMALS (VERTEBRATES)	28	7.2	63,500	1,256,548	*	0
TOTAL		28.6	236,975	6,137,077	*	470,012

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED LOUISIANA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	2	1.6	3,300	208,454	*	0
2900 POULTRY	1	0.8	0	147,249	*	0
3000 BEEF CATTLE	8	2.9	5,000	543,878	*	86,959
3100 DAIRY CATTLE	6	2.6	8,300	389,900	*	22,781
3200 SWINE	2	1.2	0	229,490	*	4,576
3300 SHEEP AND WOOL	2	1.1	0	208,023	*	33,000
3400 OTHER ANIMALS	4	1.6	8,414	291,896	*	0
TOTAL		11.9	25,014	2,018,891	*	147,316

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED MINNESOTA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
2900 POULTRY	11	2.5	27,476	393,985	*	57,571
3000 BEEF CATTLE	2	2.4	0	462,840	*	35,323
3100 DAIRY CATTLE	3	4.7	20,393	866,191	*	0
3200 SWINE	11	5.0	45,174	1,103,187	*	207,046
3400 OTHER ANIMALS	5	1.9	0	380,064	*	0
TOTAL		16.6	93,043	3,206,267	*	299,940

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED MISSOURI VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
3000 BEEF CATTLE	6	1.8	0	115,753	*	30,627
3100 DAIRY CATTLE	8	1.1	0	90,620	*	26,647
3200 SWINE	1	0.2	0	5,385	*	0
3300 SHEEP AND WOOL	1	0.1	0	7,637	*	0
3400 OTHER ANIMALS	7	1.5	0	195,628	*	0
6600 MICROORGANISMS VIRUSES	1	0.1	0	7,500	*	0
6800 ANIMALS(VERTEBRATES)	14	16.4	0	2,416,376	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.2	0	49,780	*	0
TOTAL		21.5	0	2,888,679	*	57,275

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED NEW YORK VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	5	2.1	0	426,550	*	0
2900 POULTRY	10	2.6	1,719	1,042,547	*	10,618
3000 BEEF CATTLE	28	2.6	46,457	635,171	*	160,364
3100 DAIRY CATTLE	45	3.4	107,805	1,058,074	*	54,620
3200 SWINE	17	2.4	38,600	383,035	*	35,578
3300 SHEEP AND WOOL	6	1.8	20,006	452,016	*	0
3400 OTHER ANIMALS	55	27.2	3,527	6,209,260	*	57,341
3800 FOOD	1	0.0	0	623	*	0
4000 PEOPLE AS INDIVIDUALS	8	3.8	0	945,025	*	782
4100 FAMILY MEMBERS	1	0.0	0	55,069	*	0
6300 BIO CELL SYSTEMS	2	1.2	0	303,650	*	0
6600 MICROORGANISMS VIRUSES	2	0.6	0	199,300	*	80,055
6700 PLANTS	1	0.0	0	459	*	0
6800 ANIMALS(VERTEBRATES)	31	13.5	0	2,190,235	*	70,613
TOTAL		61.2	218,114	13,901,014	*	469,970

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED OHIO VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
2900 POULTRY	2	0.1	11,252	11,422	*	0
3000 BEEF CATTLE	4	0.2	5,433	22,860	*	2,701
3100 DAIRY CATTLE	5	0.4	20,092	36,704	*	0
3200 SWINE	2	0.3	0	80,469	*	0
3300 SHEEP AND WOOL	1	0.2	0	48,905	*	0
3400 OTHER ANIMALS	45	6.9	10,080	1,348,918	*	19,901
4000 PEOPLE AS INDIVIDUALS	1	0.5	0	56,355	*	0
6800 ANIMALS(VERTEBRATES)	4	1.0	0	307,715	*	0
TOTAL		9.6	46,857	1,913,347	*	22,602

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED OREGON VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
2900 POULTRY	3	0.1	0	23,335	*	2,577
3000 BEEF CATTLE	8	0.5	19,698	137,185	*	20,400
3100 DAIRY CATTLE	4	0.3	19,698	69,396	*	19,800
3200 SWINE	3	0.4	0	100,609	*	77,220
3300 SHEEP AND WOOL	3	0.3	4,377	98,090	*	93,713
3400 OTHER ANIMALS	7	1.0	0	253,352	*	0
6800 ANIMALS(VERTEBRATES)	2	1.1	0	208,346	*	0
TOTAL		3.7	43,774	890,314	*	213,710

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED PENNSYLVANIA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	2	0.2	0	67,495	*	0
2900 POULTRY	5	1.1	7,352	182,837	*	30,100
3000 BEEF CATTLE	9	0.8	19,558	183,425	*	0
3100 DAIRY CATTLE	22	4.2	11,558	1,241,828	*	27,933
3200 SWINE	4	0.7	8,730	100,940	*	0
3300 SHEEP AND WOOL	5	0.7	7,916	133,940	*	0
3400 OTHER ANIMALS	53	14.9	22,261	2,434,381	*	0
4100 FAMILY MEMBERS	1	0.1	0	3,724	*	0
6500 INVERTEBRATES	1	0.0	0	24,747	*	0
6600 MICROORGANISMS VIRUSES	1	1.0	0	38,659	*	0
6800 ANIMALS (VERTEBRATES)	9	1.3	0	709,556	*	0
TOTAL		25.1	77,375	5,121,533	*	58,033

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED TEXAS VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	1	0.5	0	450,650	*	75,650
3000 BEEF CATTLE	2	1.7	0	212,427	*	0
3100 DAIRY CATTLE	4	1.3	0	291,651	*	3,048
3200 SWINE	2	1.1	0	353,663	*	6,096
3400 OTHER ANIMALS	3	4.5	0	607,820	*	0
6600 MICROORGANISMS VIRUSES	2	0.6	0	176,832	*	3,048
6800 ANIMALS (VERTEBRATES)	3	17.4	0	2,526,009	*	18,289
TOTAL		27.2	0	4,619,052	*	106,132

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED TUSKEGEE VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
2900 POULTRY	1	0.0	2,000	2,000	*	0
3200 SWINE	1	0.0	2,000	2,000	*	0
3400 OTHER ANIMALS	1	0.0	1,953	1,953	*	0
TOTAL		0.0	5,953	5,953	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- SCH VET MED WASHINGTON VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA CON/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0800 WILDLIFE AND FISH	1	0.0	0	9,373	*	0
3000 BEEF CATTLE	12	1.2	0	351,731	*	150,512
3100 DAIRY CATTLE	7	0.2	0	154,831	*	2,589
3200 SWINE	3	0.0	0	25,710	*	21,455
3300 SHEEP AND WOOL	5	0.5	0	131,292	*	20
3400 OTHER ANIMALS	15	1.0	0	642,069	*	142
6600 MICROORGANISMS VIRUSES	1	0.0	0	17	*	17
6800 ANIMALS (VERTEBRATES)	9	26.5	0	4,204,946	*	3,525
TOTAL		29.5	0	5,519,968	*	178,259
GRAND TOTAL		419.4	1,405,132	82,475,912	*	2,908,303

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY COMMODITY -- NATIONAL TOTAL OTHER NON-FEDERAL INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
0100 SOIL AND LAND	2	0.5	147,924	153,951	*	*
0200 WATER	2	0.4	66,278	70,295	*	*
0600 TIMBER FORST PRODUCT	34	5.2	1,536,124	1,887,479	*	*
0700 RANGE	1	0.2	9,370	34,840	*	*
0800 WILDLIFE AND FISH	4	2.6	100,429	197,776	*	*
1000 FRUIT NUTS DECIDUOUS	1	0.3	35,000	35,000	*	*
1100 POTATOES	1	0.0	59,483	59,483	*	*
1200 VEGETABLES	6	0.9	219,893	223,575	*	*
1400 CORN	14	0.6	531,846	740,689	*	*
1500 GRAIN SORGHUM	1	0.0	0	25,772	*	*
1700 WHEAT	2	0.0	48,924	48,924	*	*
1800 OTHER SMALL GRAINS	7	1.9	590,578	594,260	*	*
2000 FORAGE CROPS	1	0.1	3,123	11,613	*	*
2100 COTTON	2	0.2	8,471	8,471	*	*
2300 SOYBEANS	8	3.0	435,047	440,047	*	*
2600 TOBACCO	1	0.2	42,500	111,500	*	*
2900 POULTRY	11	2.6	381,779	445,952	*	*
3000 BEEF CATTLE	15	2.1	758,407	1,173,886	*	*
3100 DAIRY CATTLE	5	0.9	191,003	191,003	*	*
3200 SWINE	5	1.2	239,522	239,522	*	*
3300 SHEEP AND WOOL	1	0.0	50,000	50,000	*	*
3400 OTHER ANIMALS	7	0.5	317,021	328,521	*	*
3600 FARM SUPP & FACILITS	1	0.0	17,587	17,587	*	*
3800 FOOD	3	1.5	184,238	184,238	*	*
4000 PEOPLE AS INDIVIDUALS	2	0.0	8,509	8,509	*	*
4300 SOC POLIT ORGANIZ	2	1.2	180,328	180,328	*	*
4400 AGRIC ECONOMY U S	1	0.2	6,247	23,227	*	*
6200 SEED RESEARCH	1	0.3	52,000	80,653	*	*
6300 BIO CELL SYSTEMS	7	0.2	228,497	362,396	*	*
6500 INVERTEBRATES	19	3.5	774,051	952,411	*	*
6600 MICROORGANISMS VIRUSES	35	4.5	1,080,381	1,481,155	*	*
6700 PLANTS	40	10.6	1,957,517	2,586,277	*	*
6800 ANIMALS(VERTEBRATES)	6	0.6	140,336	200,336	*	*
7000 RSCH EQUIP & TECHNOLOGY	6	1.7	169,932	173,780	*	*
TOTAL		47.9	10,572,344	13,323,453	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1987 BY PROBLEM AREA -- NATIONAL TOTAL OTHER NON-FEDERAL INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1987	REG FED APPR/ CSRS ADMSTRD (GROSS) 1987	TOTAL FUNDS (GROSS) 1987	USDA COM/GT/CA SYS 1987	WITH SAES AMOUNT 1987
SERIES 100						
101 APPRAIS OF SOIL RESOR	1	0.0	51,508	51,508	*	*
102 SOIL PLNT WTR MGTMT	2	0.2	35,798	35,798	*	*
104 ALTERN USE OF LAND	1	0.8	160,694	170,738	*	*
105 CONSERV USE OF WATER	1	0.0	11,056	11,056	*	*
109 WEATHER ADAPT & MCD	1	0.1	1,401	1,401	*	*
111 BIOL CULT MGMT FORSTS	7	0.7	213,285	258,163	*	*
112 IMPROV RANGE RESOR	1	0.2	9,370	34,840	*	*
SUBTOTAL		2.0	483,113	563,505	*	*
SERIES 200						
201 CNTRL FORST INSECTS	9	0.6	355,597	492,697	*	*
202 CONTROL FOREST DIS	2	0.0	60,333	60,333	*	*
204 CNTR PESTS FRT & VEGS	2	0.0	7,290	7,290	*	*
205 CNTR DISE FRT & VEG	1	0.4	155,982	155,982	*	*
206 CNTR WEEDS FRT & VEG	1	0.0	0	3,682	*	*
207 CNTR PESTS FLD CROPS	4	0.1	163,439	217,039	*	*
208 CNTR DIS FIELD CROPS	2	0.0	67,326	67,326	*	*
209 CNTR WEEDS FLD CROPS	2	0.0	64,194	97,329	*	*
210 CONTR PESTS ANIMALS	1	0.1	19,276	19,276	*	*
211 CONTR DIS ANIMALS	23	3.3	1,112,254	1,560,492	*	*
212 CNTR INTER PARASITES	1	0.5	63,336	66,042	*	*
213 PROT ANMLS FROM TCIINS	1	0.0	28,882	28,882	*	*
214 PROTECT FROM POLLUTION	2	0.2	10,211	18,079	*	*
SUBTOTAL		5.2	2,108,120	2,794,449	*	*
SERIES 300						
301 GENET BREED FORST TRE	3	0.8	163,778	180,976	*	*
302 IMP FOREST MNG SYS	7	2.8	365,858	411,468	*	*
304 IMP BIO EFF FRT & VEGS	6	1.2	314,021	314,021	*	*
307 IMP BIO EFF FLD CRP	28	4.0	1,559,209	1,842,218	*	*
310 ANIMAL REPRODUCTION	3	0.1	190,758	190,758	*	*
311 IMP BIO EFF ANML PR	8	1.1	354,364	360,612	*	*
312 ENV STRESS IN ANMI PR	2	1.2	113,000	113,000	*	*
315 IMP STRUC FARM SUPP	1	0.0	17,587	17,587	*	*
318 NON COM BIO TECH/EINET	84	21.2	3,724,478	5,093,522	*	*
SUBTOTAL		32.4	6,803,052	8,524,162	*	*
SERIES 400						
401 NEW IMP FOREST PRCD	10	0.4	457,960	512,329	*	*
405 PROD FLD CROP IMP ACPT	1	1.8	36,536	36,536	*	*
412 MKT QUAL ANIMAL PROD	1	0.3	28,525	28,525	*	*
SUBTOTAL		2.5	523,021	577,390	*	*
SERIES 500						
503 MKTG EFF AGRI PRODS	1	0.3	12,493	46,453	*	*
506 SPLY DEMAND AND PRIC	1	0.2	6,247	23,227	*	*
SUBTOTAL		0.5	18,740	69,680	*	*
SERIES 700						
701 TOX RES IN FOOD	2	0.7	160,258	160,258	*	*
704 HOME COMM FOOD SERV	1	0.0	27,625	27,625	*	*
708 HUMAN NUTRITION	7	0.8	170,948	230,948	*	*
SUBTOTAL		1.5	358,831	418,831	*	*
SERIES 800						
805 COMMUNICAT EDUC PROC	1	0.2	91,800	91,800	*	*
808 GOVT PROGRAMS	1	0.1	3,123	11,613	*	*
SUBTOTAL		0.3	94,923	103,413	*	*
SERIES 900						
904 WLDLFE AND FISH ECOL	2	2.4	72,804	162,283	*	*
905 TREES BEAUTIFICATION	1	0.1	21,211	21,211	*	*
908 RURAL INSTITUT IMP	1	1.0	88,528	88,528	*	*
SUBTOTAL		3.5	182,543	272,022	*	*
SCIENCE IN SERV OF MAN GRAND TOTAL		47.9	10,572,344	13,323,453	*	*

TABLE III-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SYS	STAFF SUPPORT YEARS OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	225	191.3	246.9	27723	1026	84	0	0	745	12	29589	429	1	30019
0200 WATER	171	126.2	186.6	19454	299	253	0	0	57	3	20067	174	0	20241
0300 WATERSHEDS RIVER BAS	112	91.4	164.6	15295	160	325	0	0	539	0	16319	750	42	17111
0400 AIR AND CLIMATE	15	6.0	8.2	916	60	0	0	0	256	0	1233	239	0	1472
0500 RECREATION RESOURCES	19	20.2	10.4	2290	0	0	0	0	467	0	2757	243	54	3055
0600 TIMBER FORST PRODUCT	549	570.0	823.8	90786	5765	3744	0	0	11235	0	111530	6339	1635	119504
0700 RANGE	122	86.5	123.4	13275	434	78	0	0	263	0	14049	559	85	14698
0800 WILDLIFE AND FISH	89	53.0	77.5	9739	1220	2084	0	0	995	0	14038	1360	61	15459
0900 CITRUS SUB TROP FRUT	108	81.3	159.3	14106	1686	383	0	0	0	0	16174	70	0	16244
1000 FRUIT NUTS DECIDUCUS	165	124.1	205.4	21961	1665	90	0	0	0	0	23716	6	0	23722
1100 POTATOES	102	33.2	51.7	5604	1889	88	0	0	0	0	7581	6	0	7586
1200 VEGETABLES	239	119.2	158.9	20040	2958	881	0	0	0	0	23880	57	0	23937
1300 ORNAMENTALS TURF	44	20.9	63.5	4778	139	29	0	0	0	0	4945	0	0	4945
1400 CORN	222	140.8	178.8	21601	1425	965	0	0	0	0	23991	56	0	24047
1500 GRAIN SORGHUM	61	17.5	21.7	2810	162	16	0	0	0	0	2988	40	0	3028
1600 RICE	37	15.8	25.1	2684	57	7	0	0	0	0	2748	6	0	2754
1700 WHEAT	207	118.3	177.1	18823	1268	328	0	0	0	0	20419	1391	0	21811
1800 OTHER SMALL GRAINS	83	27.1	39.5	4399	265	238	0	0	0	0	4902	65	0	4966
1900 PASTURE	40	16.8	27.1	2839	115	0	0	0	0	0	2953	0	0	2953
2000 FORAGE CROPS	171	103.2	137.1	16737	748	3	0	0	0	0	17488	38	0	17526
2100 COTTON	142	177.8	325.8	31044	462	164	0	0	0	0	31669	191	0	31861
2200 COTTONSEED	19	19.6	22.0	2806	0	0	0	0	0	0	2806	2	0	2809
2300 SOYBEANS	202	143.8	175.6	22176	1351	191	0	0	0	0	23719	122	0	23841
2400 PEANUTS	52	40.3	59.8	5905	93	38	0	0	0	0	6036	6	0	6042
2500 OTHER OILSEED CROPS	34	14.2	14.7	1935	213	136	0	0	0	0	2284	0	0	2284
2600 TOBACCO	33	27.7	51.5	4112	569	145	0	0	0	0	4826	0	0	4826
2700 SUGAR CROPS	44	46.0	93.1	7991	151	0	0	0	0	0	8142	0	0	8142
2800 MISC NEW CROPS	58	29.7	48.7	4740	774	608	0	0	0	0	6121	6	0	6127
2900 POULTRY	114	90.1	147.2	15651	1944	1546	0	0	0	5	19146	60	0	19206
3000 BEEF CATTLE	250	158.4	271.4	30483	3231	2237	0	0	0	27	35977	188	0	36165
3100 DAIRY CATTLE	203	115.1	195.5	24219	3638	445	0	0	0	2	28304	186	2	28492
3200 SWINE	138	85.7	124.0	19590	1878	933	0	0	0	19	22420	16	0	22435
3300 SHEEP AND WOOL	83	36.4	45.7	7680	1140	250	0	0	0	0	9070	24	0	9094
3400 OTHER ANIMALS	34	6.0	12.5	2764	684	435	0	0	0	0	3883	35	0	3919
3500 BEES AND HONEY	21	22.4	38.4	3503	147	185	0	0	0	0	3835	340	0	4175
3600 FARM SUPP & FACILITS	10	12.0	3.5	1012	32	0	0	0	0	0	1045	0	0	1045
3700 CLOTHING & TEXTILES	1	0.2	0.0	28	0	0	0	0	0	0	28	0	0	28
3800 FOOD	81	60.4	130.1	16846	984	2171	0	0	0	37	20038	0	0	20038
3900 HOUSING & EQUIP	19	7.6	12.7	1226	22	176	0	0	0	0	1424	0	36	1460
4000 PEOPLE AS INDIVIDUALS	107	81.1	103.4	33662	707	3620	0	0	0	0	37989	144	0	38133
4100 FAMILY MEMBERS	21	19.4	18.2	2758	59	369	0	0	0	0	3186	15	0	3201
4200 FARM AS BUSINESS	12	9.1	0.9	5630	54	0	0	0	0	0	5684	0	0	5684
4300 SOC POLIT ORGANIZ	21	26.0	0.0	2150	293	0	0	0	0	0	2443	0	0	2443
4400 AGRIC ECONOMY U S	51	82.2	0.0	7369	733	0	0	0	0	0	8102	0	0	8102
4500 AGRIC ECONOMY FORGN	53	121.3	0.0	9869	1284	0	0	0	0	13	11166	257	0	11423
4600 FARM COOPERATIVES	10	14.1	1.5	1468	0	0	0	0	0	90	1557	0	0	1557
4800 MARKETING SYSTEMS	14	17.0	0.3	1972	99	0	0	0	0	0	2070	0	0	2070
6100 WEEDS	64	39.0	59.0	5895	383	0	0	0	0	0	6279	0	0	6279
6200 SEED RESEARCH	10	9.4	13.1	1478	0	0	0	0	0	0	1478	0	0	1478
6300 BIO CELL SYSTEMS	25	20.2	21.2	2867	234	78	0	0	0	0	3180	0	0	3180
6400 EXP DESIGN/STAT METHOD	2	0.1	0.2	16	6	0	0	0	0	0	22	0	0	22
6500 INVERTEBRATES	135	92.0	115.0	13426	2386	1825	0	0	6	0	17643	91	0	17734
6600 MICROORGANISMS VIRUSES	144	55.5	68.7	8271	4826	2217	0	0	0	0	15313	0	0	15313
6700 PLANTS	315	182.7	250.6	28802	6556	4310	0	0	0	0	39667	247	0	39915
6800 ANIMALS (VERTEBRATES)	49	15.8	19.5	2280	1116	207	0	0	0	0	3603	0	0	3603
6900 RESEARCH ON RSCH MGMT	6	1.4	1.4	207	62	0	0	0	46	0	315	0	0	315
7000 RSCH EQUIP & TECHNOLOG	15	13.9	13.9	1686	226	0	0	0	0	0	1912	0	0	1912
TOTAL		3856.5	5345.4	649377	57678	31879	0	0	14609	208	753750	13758	1916	769424

TABLE III-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FOREST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
101 APPRAIS OF SOIL RESOR	16	10.0	18.3	1588	90	0	0	0	0	0	1677	52	0	1729
102 SOIL PLNT WTR NUTRI	186	169.1	239.6	26104	918	20	0	0	88	0	27130	423	3	27556
103 MGMT OF SALINE SOILS	15	10.7	21.3	1817	50	322	0	0	0	0	2189	0	0	2189
104 ALTERN USE OF LAND	26	42.9	3.4	4521	154	0	0	0	0	15	4690	78	0	4768
105 CONSERV USE OF WATER	90	72.0	136.3	12438	165	96	0	0	12	0	12711	107	0	12818
106 DRAIN AND IRRIGATION	19	21.2	30.0	3157	115	5	0	0	0	0	3277	0	0	3277
107 WATERSHED PROT & MGMT	136	134.1	246.4	22781	467	229	0	0	460	0	23937	682	185	24804
108 ECON LEG PROB OF WAT	2	6.2	0.0	556	0	0	0	0	0	0	556	0	0	556
109 WEATHER ADAPT & MOD	14	6.4	8.9	912	110	0	0	0	0	0	1022	0	1	1023
110 APPRAIS FORST & RANGS	31	47.7	213.8	12170	0	0	0	0	906	0	13076	874	17	13966
111 BIOL CULT MGMT FORSTS	154	152.4	198.9	19993	782	1004	0	0	1853	0	23631	1669	344	25645
112 IMPROV RANGE RESOR	63	46.0	64.1	7137	237	77	0	0	102	0	7553	211	5	7769
113 REMOTE SENSING	11	16.7	21.5	2611	181	0	0	0	322	0	3114	0	0	3114
114 RSCH ON MGMT OF RSCH	6	1.4	1.4	207	62	0	0	0	46	0	315	0	0	315
SUBTOTAL		736.8	1203.8	115992	3329	1753	0	0	3790	15	124878	4096	555	129529
SERIES 200														
201 CNTRL FORST INSECTS	103	80.1	82.8	11689	1185	1017	0	0	2621	0	16514	115	17	16643
202 CONTROL FOREST DIS	59	42.9	56.9	7502	1163	0	0	0	913	0	9578	429	135	10142
203 FOREST FIRE PROTECT	32	36.0	35.1	5290	0	0	0	0	554	0	5845	355	168	6368
204 CNTR PESTS FRT & VEGS	167	73.5	140.7	13379	1426	581	0	0	0	0	15386	35	0	15421
205 CNTR DISE FRT & VEG	165	72.1	118.4	11767	2758	252	0	0	0	0	14777	35	0	14812
206 CNTR WEEDS FRT & VEG	38	12.2	21.4	1901	188	6	0	0	0	0	2094	3	0	2097
207 CNTR PESTS FLD CRCPS	220	160.0	266.8	25631	1803	318	0	0	0	0	27751	204	0	27955
208 CNTR DIS FIELD CRCPS	196	104.6	150.0	15964	1377	127	0	0	0	0	17468	168	0	17637
209 CNTR WEEDS FLD CRCPS	114	72.4	111.7	11263	620	4	0	0	0	0	11887	3	0	11890
210 CONTR PESTS ANIMALS	56	62.5	109.0	8367	650	229	0	0	0	0	9246	2	0	9248
211 CONTR DIS ANIMALS	161	119.9	296.3	32470	5393	1979	0	0	0	0	39842	483	0	40325
212 CNTR INTER PARASITES	21	26.5	72.8	6255	107	0	0	0	0	0	6363	0	0	6363
213 PROT ANMLS FROM TOXINS	14	32.2	50.8	5002	0	0	0	0	0	0	5002	24	0	5026
214 PROTECT FROM POLLUTION	32	23.6	24.0	4830	995	0	0	0	1246	0	7072	262	0	7334
SUBTOTAL		918.5	1536.8	161311	17666	4512	0	0	5334	0	188823	2117	320	191261
SERIES 300														
301 GENET BREED FORST TRE	31	23.8	39.2	4033	282	195	0	0	215	0	4725	673	28	5426
302 IMP FOREST ENG SYS	18	20.2	26.5	2628	926	218	0	0	148	0	3921	130	10	4061
303 ECON TIMBER PRODUCTN	21	14.8	13.3	1539	0	0	0	0	286	0	1825	416	4	2245
304 IMP BIO EFF FRT & VEGS	161	77.2	150.7	14899	2376	611	0	0	0	0	17886	0	0	17886
305 MECH PROD FRT & VEGS	8	3.9	4.8	642	33	362	0	0	0	0	1038	0	0	1038
306 PROD MGMT SYS F & V	10	1.1	2.1	158	311	0	0	0	0	0	469	0	0	469
307 IMP BIO EFF FLD CRP	325	228.3	361.2	38206	3202	1837	0	0	0	0	43245	1283	0	44528
308 MECH PROD FIELD CROPS	17	12.3	22.2	2318	64	0	0	0	0	0	2382	0	0	2382
309 PROD MGMT SYS FLD CRP	62	38.4	63.4	6320	161	0	0	0	0	0	6480	0	0	6480
310 ANIMAL REPRODUCTION	77	37.2	35.7	7895	2995	1652	0	0	0	0	12542	0	0	12542
311 IMP BIO EFF ANML PR	148	89.0	112.6	20615	2697	1847	0	0	0	0	25160	0	2	25162
312 ENV STRESS IN ANML PR	14	13.2	20.7	2025	0	95	0	0	0	0	2120	0	0	2120
313 PROD MGMT SYS ANML PR	17	8.0	7.7	1337	73	0	0	0	0	0	1410	0	0	1410
314 BEES OTH POLLETNG INS	21	22.4	38.4	3503	147	185	0	0	0	0	3835	340	0	4175
315 IMP STRUC FARM SUPP	1	0.2	0.1	29	0	0	0	0	0	0	29	0	0	29
316 FARM BUSINESS MGMT	8	7.1	0.9	5439	54	0	0	0	0	0	5493	0	0	5493
317 MECH/STRUCTS ANML PRD	2	0.5	0.3	122	0	0	0	0	0	0	122	0	0	122
318 NON CON BIO TECH/BIMET	340	211.1	272.6	31348	9661	6925	0	0	0	0	47934	15	0	47949
SUBTOTAL		808.7	1172.3	143057	22981	13927	0	0	649	0	180614	2857	44	183515
SERIES 400														
401 NEW IMP FOREST PRCD	103	84.3	68.5	15193	1853	1867	0	0	1303	0	20217	788	825	21830
402 PROD F & V IMP ACCEPT	45	21.8	31.4	3508	306	230	0	0	0	0	4044	0	0	4044
403 NEW & IMP F & V PROD	14	28.6	21.5	3876	29	0	0	0	0	0	3906	0	0	3906
404 MKT QUAL FRTS & VEGS	72	81.4	108.8	13165	376	15	0	0	0	0	13555	6	0	13561
405 PROD FLD CROP IMP ACPT	90	91.6	127.4	13821	185	4	0	0	0	0	14010	8	0	14018
406 NEW IMP FOOD FLD CROP	31	49.2	57.3	7441	0	80	0	0	0	0	7521	80	0	7601
407 NEW IMP NON FOOD FC	55	92.1	127.8	16003	381	83	0	0	0	0	16466	3	0	16469
408 MKT QUAL FIELD CRCPS	47	49.4	65.3	7202	20	4	0	0	0	0	7227	0	0	7227
409 PROD ANML PR IMP ACCP	16	10.6	13.8	2444	653	0	0	0	0	0	3097	0	0	3097
410 IMP MEAT MILK EGG PR	20	27.0	30.5	4414	301	11	0	0	0	0	4727	0	0	4727
411 IMP NON FOOD ANML PR	13	14.3	19.8	2737	0	117	0	0	0	0	2854	0	0	2854
412 MKT QUAL ANIMAL PROD	9	6.5	7.5	1131	10	0	0	0	0	0	1141	0	0	1141
SUBTOTAL		556.9	679.8	90935	4115	2411	0	0	1303	0	98764	885	825	100474
SERIES 500														
501 IMP GRADES & STANDS	23	16.1	27.0	2764	153	162	0	0	0	0	3078	260	0	3338
502 MKTG TIMBER PRODUCTS	2	0.6	0.8	94	0	0	0	0	128	0	222	0	0	222
503 MKTG EFF AGRI PRODS	25	15.6	7.9	1888	206	0	0	0	0	0	2094	64	0	2158
506 SPLY DEMAND AND PRIC	37	59.6	0.0	6755	677	0	0	0	0	33	7464	0	0	7464
507 COMP REL IN AGRIC	7	3.2	0.0	326	95	0	0	0	0	0	421	0	0	421
508 DOMESTIC MKT DEVELP	4	3.0	0.0	387	69	0	0	0	0	0	456	0	0	456
509 PERFORMANCE MKTG SYS	29	39.4	1.1	4760	42	0	0	0	0	64	4867	0	0	4867
510 GROUP ACT MKT POWER	4	3.8	0.6	386	14	0	0	0	0	40	439	0	0	439
511 IMP AGRIC STATISTICS	1	0.0	0.0	0	194	0	0	0	0	0	194	0	0	194
512 IMP GRADES FRST PROD	6	8.7	5.2	742	0	0	0	0	0	0	742	118	9	869
513 PRICE ANAL FRST PROD	13	18.2	13.3	2149	0	0	0	0	458	0	2607	191	5	2803
SUBTOTAL		168.2	55.9	20252	1450	162	0	0	586	136	22584	633	14	23231
SERIES 600														
601 FGN MKT DEVELP	62	119.5	0.1	9714	1365	1	0	0	0	13	11093	257	0	11350
602 EVAL FGN FOOD AID PGM	1	5.7	0.0	528	0	0	0	0	0	0	528	0	0	528
603 TECH AID DEV CRTI	4	0.2	0.0	92	24	0	0	0	0	0	116	0	0	116
604 PRD DVLPMT/MKTG FRGN	6	2.9	2.1	522	0	0	0	0	0	0	522	0	0	522
SUBTOTAL		128.3	2.2	10856	1389	1	0	0	0	13	12259	257	0	12516
SERIES 700														
701 TOX RES IN FOOD	46	15.3	24.4	3206	2220	4	0	0	0	0	5431	44	0	5475
702 FOOD PROT FROM TOX	41	70.7	102.9	10941	72	246	0	0	0	25	11284	0	0	11284
703 FOOD CONSUMP HABITS	24	14.8	36.0	3380	109	3906	0	0	0	19	7414	0	0	7414
706 CONTR INSECTS AFF MAN	24	20.0	27.0	3407	102	0	0	0	0	0	3509	104	0	3613
707 TRANS ANIML MAN DIS	7	0.9	0.6	105	0	0	0	0	0	0	105	33	0	138
708 HUMAN NUTRITION	130	95.8	157.6	41958	1404	2735	0	0	0	0	46096	25	0	46121
709 REDUCE HAZ HLTH & SFTY	34	32.4	47.6	4678	430	103	0	0	0	0	5211	0	0	5211
SUBTOTAL		249.9	396.2	67675	4338	6993	0	0	0	43	79050	206	0	79255

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SYS	STAFF SUPPORT YEARS OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 800														
801 RURAL HOUSING	4	5.0	9.9	874	0	0	0	0	0	0	874	0	36	909
802 INDIV & FAM DEC MAKING	6	4.3	7.5	417	17	0	0	0	0	0	434	0	0	434
803 RURAL POVERTY	1	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
804 ECON POTENT RURL REG	9	12.8	0.0	1328	30	0	0	0	0	0	1359	0	0	1359
805 COMMUNICAT EDUC PROC	2	1.0	0.0	58	0	0	0	0	0	0	58	0	0	58
806 ADJUSTMENT TO CHANGE	7	9.2	0.0	1330	17	0	0	0	0	0	1347	0	0	1347
807 AGRIC ECONOMIC CHANGE	39	50.4	0.0	4562	103	0	0	0	0	0	4665	0	0	4665
808 GOVT PROGRAMS	19	21.8	0.0	1806	68	0	0	0	0	0	1873	0	0	1873
SUBTOTAL		104.6	17.4	10374	252	0	0	0	0	0	10627	0	36	10662
SERIES 900														
901 ALLEV POLLUTION	67	52.3	79.2	7592	553	2	0	0	1544	0	9690	398	0	10089
902 OUTDOOR RECREATION	18	19.2	8.3	2038	0	0	0	0	396	0	2434	243	49	2727
903 MULTI USE FOREST POTEN	17	15.5	22.6	1461	0	0	0	0	143	0	1604	715	9	2327
904 WLDLFE AND FISH ECOL	77	53.6	69.5	9623	1217	2070	0	0	864	0	13774	1351	64	15190
905 TREES BEAUTIFICATION	13	6.5	66.6	3381	11	18	0	0	0	0	3410	0	0	3410
906 ORNAMENT & TURF DEV	39	19.8	34.7	3473	128	31	0	0	0	0	3632	0	0	3632
907 RURAL INCOME IMP	6	6.1	0.0	491	90	0	0	0	0	0	581	0	0	581
908 RURAL INSTITUT IMP	12	11.5	0.0	866	159	0	0	0	0	0	1026	0	0	1026
SUBTOTAL		184.6	280.9	28925	2158	2120	0	0	2947	0	36151	2708	122	38981
SCIENCE IN SERV OF MAN														
GRAND TOTAL		3856.5	5345.4	649377	57678	31879	0	0	14609	208	753750	13758	1916	769424

AGRICULTURAL COOPERATIVE SERVICE

TABLE III-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SALES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
4600 FARM COOPERATIVES	10	14.1	1.5	1468	0	0	0	0	0	90	1557	0	0	1557
TOTAL		14.1	1.5	1468	0	0	0	0	0	90	1557	0	0	1557

AGRICULTURAL COOPERATIVE SERVICE

TABLE III-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SALES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 500														
509 PERFORMANCE MKTG SYS	7	10.3	0.9	1082	0	0	0	0	0	50	1132	0	0	1132
510 GROUP ACT MKT POWER	3	3.8	0.6	386	0	0	0	0	0	40	425	0	0	425
SUBTOTAL		14.1	1.5	1468	0	0	0	0	0	90	1557	0	0	1557
SCIENCE IN SERV OF MAN														
GRAND TOTAL		14.1	1.5	1468	0	0	0	0	0	90	1557	0	0	1557

TABLE III-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	166	141.9	227.6	22198	89	84	0	0	0	0	22370	208	0	22579
0200 WATER	141	98.6	179.4	16470	77	57	0	0	0	0	16604	135	0	16740
0300 WATERSHEDS RIVER BAS	57	48.9	101.5	8518	154	107	0	0	0	0	8780	19	0	8798
0400 AIR AND CLIMATE	4	1.0	1.6	151	0	0	0	0	0	0	151	0	0	151
0500 RECREATION RESOURCES	1	0.3	0.0	35	0	0	0	0	0	0	35	0	0	35
0600 TIMBER FORST PRODUCT	31	16.3	46.4	3557	6	18	0	0	0	0	3580	0	0	3580
0700 RANGE	71	65.9	98.1	10502	53	1	0	0	0	0	10556	61	0	10617
0800 WILDLIFE AND FISH	8	7.2	14.1	1428	0	0	0	0	0	0	1428	0	0	1428
0900 CITRUS SUB TROP FRUT	74	77.9	159.3	13752	647	340	0	0	0	0	14739	70	0	14809
1000 FRUIT NUTS DECIDUCUS	133	120.5	205.4	21589	178	78	0	0	0	0	21845	6	0	21851
1100 POTATOES	56	33.2	51.7	5604	178	82	0	0	0	0	5864	6	0	5869
1200 VEGETABLES	181	117.5	158.9	19841	50	227	0	0	0	0	20118	57	0	20175
1300 ORNAMENTALS TURF	39	20.9	63.5	4778	13	29	0	0	0	0	4819	0	0	4819
1400 CORN	185	137.9	178.8	21239	270	118	0	0	0	0	21628	56	0	21683
1500 GRAIN SORGHUM	51	16.3	21.7	2667	60	16	0	0	0	0	2743	40	0	2783
1600 RICE	28	14.9	25.1	2553	0	0	0	0	0	0	2553	6	0	2558
1700 WHEAT	169	115.8	177.1	18480	90	112	0	0	0	0	18682	1391	0	20074
1800 OTHER SMALL GRAINS	64	25.9	39.5	4253	17	65	0	0	0	0	4334	65	0	4399
1900 PASTURE	35	16.7	27.1	2829	49	0	0	0	0	0	2878	0	0	2878
2000 FORAGE CROPS	142	103.0	137.1	16723	14	3	0	0	0	0	16740	38	0	16778
2100 COTTON	126	165.3	325.8	29449	252	100	0	0	0	0	29800	191	0	29992
2200 COTTONSEED	19	19.6	22.0	2806	0	0	0	0	0	0	2806	2	0	2809
2300 SOYBEANS	174	140.4	175.6	21665	239	53	0	0	0	0	21957	122	0	22080
2400 PEANUTS	48	40.2	59.8	5895	7	38	0	0	0	0	5941	6	0	5946
2500 OTHER OILSEED CROPS	27	13.4	14.7	1826	33	11	0	0	0	0	1869	0	0	1869
2600 TOBACCO	32	27.7	51.5	4112	569	0	0	0	0	0	4681	0	0	4681
2700 SUGAR CROPS	34	40.3	93.1	7272	61	0	0	0	0	0	7333	0	0	7333
2800 MISC NEW CROPS	46	29.3	48.7	4700	73	36	0	0	0	0	4808	6	0	4814
2900 POULTRY	77	85.9	147.2	15234	15	2	0	0	0	0	15251	60	0	15311
3000 BEEF CATTLE	186	151.7	271.4	29656	126	172	0	0	0	0	29955	188	0	30143
3100 DAIRY CATTLE	151	106.7	195.5	23165	401	122	0	0	0	0	23688	186	2	23876
3200 SWINE	100	80.8	124.0	18979	129	0	0	0	0	0	19108	16	0	19124
3300 SHEEP AND WOOL	66	31.9	45.7	7139	39	0	0	0	0	0	7179	24	0	7202
3400 OTHER ANIMALS	22	6.0	12.5	2764	80	0	0	0	0	0	2844	35	0	2880
3500 BEES AND HONEY	18	22.4	38.4	3503	21	185	0	0	0	0	3709	340	0	4049
3600 FARM SUPP & FACILITS	2	4.1	3.5	326	0	0	0	0	0	0	326	0	0	326
3800 FOOD	42	41.1	81.3	12174	39	92	0	0	0	0	12305	0	0	12305
3900 HOUSING & EQUIP	9	2.3	2.8	317	0	0	0	0	0	0	317	0	0	317
4000 PEOPLE AS INDIVIDUALS	76	73.1	97.1	32326	190	1237	0	0	0	0	33753	144	0	33897
4100 FAMILY MEMBERS	5	4.1	7.1	380	0	0	0	0	0	0	380	15	0	395
4200 FARM AS BUSINESS	2	1.5	0.9	272	0	0	0	0	0	0	272	0	0	272
4800 MARKETING SYSTEMS	1	0.1	0.2	17	0	0	0	0	0	0	17	0	0	17
6100 WEEDS	52	39.0	59.0	5895	20	0	0	0	0	0	5915	0	0	5915
6200 SEED RESEARCH	10	9.4	13.1	1478	0	0	0	0	0	0	1478	0	0	1478
6300 BIO CELL SYSTEMS	21	20.2	21.2	2867	50	0	0	0	0	0	2918	0	0	2918
6400 EXP DESIGN/STAT METHOD	1	0.1	0.2	16	0	0	0	0	0	0	16	0	0	16
6500 INVERTEBRATES	79	90.5	114.0	13189	79	307	0	0	0	0	13575	89	0	13664
6600 MICROORGANISMS VIRUSES	56	55.5	68.7	8271	12	0	0	0	0	0	8283	0	0	8283
6700 PLANTS	178	182.7	250.6	28802	70	152	0	0	0	0	29024	247	0	29271
6800 ANIMALS (VERTEBRATES)	15	15.8	19.5	2280	0	80	0	0	0	0	2361	0	0	2361
7000 RSCH EQUIP & TECHNOLOG	12	13.9	13.9	1686	8	0	0	0	0	0	1694	0	0	1694
TOTAL		2695.6	4292.7	485627	4458	3925	0	0	0	0	494011	3828	2	497841

TABLE III-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SYS	STAFF SUPPORT YEARS OTHER	REG IN HOUSE	C G SALES	CA CH	OTHER GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100															
101 APPRAIS OF SOIL RESOR	14	10.0	18.3	1588	8	0		0	0	0	0	1595	52	0	1647
102 SOIL PLNT WTR NUTRI	148	141.8	221.3	23156	69	20		0	0	0	0	23244	184	0	23428
103 MGMT OF SALINE SOILS	11	9.5	21.3	1722	0	0		0	0	0	0	1722	0	0	1722
104 ALTERN USE OF LAND	2	0.7	1.6	145	0	0		0	0	0	0	145	17	0	163
105 CONSERV USE OF WATER	85	68.9	134.5	12014	9	0		0	0	0	0	12023	70	0	12093
106 DRAIN AND IRRIGATION	16	21.2	30.0	3157	0	5		0	0	0	0	3162	0	0	3162
107 WATERSHED PROT & MGMT	83	89.7	174.0	15538	295	229		0	0	0	0	16063	55	0	16118
109 WEATHER ADAPT & MCD	10	4.5	6.3	707	0	0		0	0	0	0	707	0	0	707
110 APPRAIS FORST & RANGS	1	1.0	1.8	157	0	0		0	0	0	0	157	0	0	157
111 BIOL CULT MGMT FORSTS	1	0.0	0.0	0	2	0		0	0	0	0	2	0	0	2
112 IMPROV RANGE RESOR	36	36.1	54.7	5760	12	0		0	0	0	0	5772	9	0	5781
113 REMOTE SENSING	9	16.7	21.5	2611	0	0		0	0	0	0	2611	0	0	2611
SUBTOTAL		400.2	685.3	66555	395	254		0	0	0	0	67204	388	0	67592
SERIES 200															
201 CNTRL FORST INSECTS	21	9.1	6.2	1246	4	0		0	0	0	0	1250	0	0	1250
202 CONTROL FOREST DIS	3	0.7	1.2	118	0	0		0	0	0	0	118	0	0	118
203 FOREST FIRE PROTECT	1	0.1	0.1	10	0	0		0	0	0	0	10	0	0	10
204 CNTR PESTS FRT & VEGS	113	73.5	140.7	13379	84	291		0	0	0	0	13754	35	0	13788
205 CNTR DISE FRT & VEG	119	72.1	118.4	11767	888	42		0	0	0	0	12698	35	0	12733
206 CNTR WEEDS FRT & VEG	30	12.2	21.4	1901	5	6		0	0	0	0	1912	3	0	1914
207 CNTR PESTS FLD CROPS	169	160.0	266.6	25629	111	128		0	0	0	0	25867	165	0	26032
208 CNTR DIS FIELD CROPS	155	103.8	148.8	15872	73	10		0	0	0	0	15955	120	0	16075
209 CNTR WEEDS FLD CROPS	89	72.4	111.7	11263	156	4		0	0	0	0	11423	3	0	11425
210 CONTR PESTS ANIMALS	45	62.5	109.0	8367	0	229		0	0	0	0	8596	2	0	8598
211 CONTR DIS ANIMALS	101	119.9	296.3	32470	343	224		0	0	0	0	33037	483	0	33520
212 CNTR INTER PARASITES	19	26.5	72.8	6255	0	0		0	0	0	0	6255	0	0	6255
213 PROT ANMLS FROM TOXINS	14	32.2	50.8	5002	0	0		0	0	0	0	5002	24	0	5026
214 PROTECT FROM POLLUTION	13	10.6	13.7	1413	0	0		0	0	0	0	1413	229	0	1641
SUBTOTAL		755.7	1357.9	134691	1664	933		0	0	0	0	137288	1097	0	138385
SERIES 300															
304 IMP BIO EFF FRT & VEGS	125	77.2	150.7	14899	101	434		0	0	0	0	15434	0	0	15434
305 MECH PROD FRT & VEGS	4	3.9	4.8	642	0	0		0	0	0	0	642	0	0	642
306 PROD MGMT SYS F & V	5	1.1	2.1	158	0	0		0	0	0	0	158	0	0	158
307 IMP BIO EFF FLD CRP	276	228.3	361.2	38206	764	80		0	0	0	0	39049	1283	0	40332
308 MECH PROD FIELD CROPS	15	12.3	22.2	2318	11	0		0	0	0	0	2329	0	0	2329
309 PROD MGMT SYS FLD CRP	55	38.4	63.4	6320	30	0		0	0	0	0	6350	0	0	6350
310 ANIMAL REPRODUCTION	42	37.2	35.7	7895	10	0		0	0	0	0	7905	0	0	7905
311 IMP BIO EFF ANML PR	113	89.0	112.6	20615	118	0		0	0	0	0	20734	0	2	20736
312 ENV STRESS IN ANML PR	13	13.2	20.7	2025	0	0		0	0	0	0	2025	0	0	2025
313 PROD MGMT SYS ANML PR	12	5.7	7.7	1063	6	0		0	0	0	0	1069	0	0	1069
314 BEES OTH POLLTNG INS	18	22.4	38.4	3503	21	185		0	0	0	0	3709	340	0	4049
315 IMP STRUC FARM SUPP	1	0.2	0.1	29	0	0		0	0	0	0	29	0	0	29
316 FARM BUSINESS MGMT	2	1.5	0.9	272	0	0		0	0	0	0	272	0	0	272
317 MECH/STRUCTS ANML PRD	2	0.5	0.3	122	0	0		0	0	0	0	122	0	0	122
318 NON CON BIO TECH/EINET	155	211.1	272.6	31348	95	88		0	0	0	0	31531	15	0	31546
SUBTOTAL		742.0	1093.4	129415	1156	787		0	0	0	0	131358	1638	2	132998
SERIES 400															
402 PROD F & V IMP ACCEPT	35	21.8	31.4	3508	0	0		0	0	0	0	3508	0	0	3508
403 NEW & IMP F & V PROD	13	28.6	21.5	3876	0	0		0	0	0	0	3876	0	0	3876
404 MKT QUAL FRTS & VEGS	63	81.4	108.8	13165	0	15		0	0	0	0	13180	6	0	13186
405 PROD FLD CROP IMP ACPT	88	91.6	127.4	13821	82	4		0	0	0	0	13907	8	0	13915
406 NEW IMP FOOD FLD CROP	31	49.2	57.3	7441	0	80		0	0	0	0	7521	80	0	7601
407 NEW IMP NON FOOD PC	52	92.1	127.8	16003	0	83		0	0	0	0	16085	3	0	16089
408 MKT QUAL FIELD CROPS	45	49.4	65.3	7202	18	4		0	0	0	0	7225	0	0	7225
409 PROD ANML PR IMP ACCP	10	10.6	13.8	2444	6	0		0	0	0	0	2450	0	0	2450
410 IMP MEAT MILK EGG PR	20	27.0	30.5	4414	301	11		0	0	0	0	4727	0	0	4727
411 IMP NON FOOD ANML PR	12	14.3	19.8	2737	0	0		0	0	0	0	2737	0	0	2737
412 MKT QUAL ANIMAL PROD	9	6.5	7.5	1131	10	0		0	0	0	0	1141	0	0	1141
SUBTOTAL		472.6	611.2	75742	417	197		0	0	0	0	76356	97	0	76453
SERIES 500															
501 IMP GRADES & STANDS	21	16.1	27.0	2764	72	162		0	0	0	0	2998	260	0	3258
503 MKTG EFF AGRI PRODS	10	6.1	7.9	861	48	0		0	0	0	0	909	64	0	973
SUBTOTAL		22.2	35.0	3625	121	162		0	0	0	0	3907	323	0	4230
SERIES 600															
601 FGN MKT DEVELP	3	0.1	0.1	24	0	1		0	0	0	0	25	0	0	25
603 TECH AID DEV CRTY	1	0.1	0.0	51	0	0		0	0	0	0	51	0	0	51
604 PRD DVLPMT/MKTG FRGN	6	2.9	2.1	522	0	0		0	0	0	0	522	0	0	522
SUBTOTAL		3.2	2.2	597	0	1		0	0	0	0	598	0	0	598
SERIES 700															
701 TOX RES IN FOOD	17	15.3	24.4	3206	0	4		0	0	0	0	3211	44	0	3255
702 FOOD PROT FROM TOX	38	68.8	102.9	10701	18	46		0	0	0	0	10765	0	0	10765
703 FOOD CONSUMP HABITS	2	1.1	0.9	148	0	60		0	0	0	0	207	0	0	207
706 CONTR INSECTS AFF MAN	22	20.0	27.0	3407	15	0		0	0	0	0	3422	104	0	3526
707 TRANS ANIML MAN DIS	7	0.9	0.6	105	0	0		0	0	0	0	105	33	0	138
708 HUMAN NUTRITION	82	88.8	127.0	39550	205	1329		0	0	0	0	41085	25	0	41110
709 REDUCE HAZ HLTH & SFTY	32	32.4	47.6	4678	421	103		0	0	0	0	5202	0	0	5202
SUBTOTAL		227.3	330.5	61796	659	1541		0	0	0	0	63996	206	0	64202
SERIES 800															
802 INDIV & FAM DEC MAKING	4	4.1	7.1	380	0	0		0	0	0	0	380	0	0	380
SUBTOTAL		4.1	7.1	380	0	0		0	0	0	0	380	0	0	380
SERIES 900															
901 ALLEV POLLUTION	30	37.9	60.7	5128	34	2		0	0	0	0	5163	79	0	5242
902 OUTDOOR RECREATION	1	0.3	0.0	35	0	0		0	0	0	0	35	0	0	35
904 WLDLFE AND FISH ECOL	5	4.8	9.1	967	0	0		0	0	0	0	967	0	0	967
905 TREES BEAUTIFICATION	10	5.4	65.7	3225	11	18		0	0	0	0	3254	0	0	3254
906 ORNAMENT & TURF DEV	34	19.8	34.7	3473	2	31		0	0	0	0	3505	0	0	3505
SUBTOTAL		68.2	170.2	12828	47	50		0	0	0	0	12925	79	0	13004
SCIENCE IN SERV OF MAN															
GRAND TOTAL		2695.6	4292.7	485627	4458	3925		0	0	0	0	494011	3828	2	497841

TABLE III-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	17	0.0	0.0	0	937	0	0	0	0	0	937	0	0	937
0200 WATER	6	0.0	0.0	0	222	0	0	0	0	0	222	0	0	222
0300 WATERSHEDS RIVER BAS	1	0.0	0.0	0	6	0	0	0	0	0	6	0	0	6
0400 AIR AND CLIMATE	1	0.0	0.0	0	60	0	0	0	0	0	60	0	0	60
0600 TIMBER FORST PRODUCT	18	0.0	0.0	0	3024	37	0	0	0	0	3061	0	0	3061
0700 RANGE	15	0.0	0.0	0	381	77	0	0	0	0	457	0	0	457
0800 WILDLIFE AND FISH	14	0.0	0.0	0	1120	1950	0	0	0	0	3070	0	0	3070
0900 CITRUS SUB TROP FRUT	24	0.0	0.0	0	828	0	0	0	0	0	828	0	0	828
1000 FRUIT NUTS DECIDUOUS	25	0.0	0.0	0	1370	0	0	0	0	0	1370	0	0	1370
1100 POTATOES	45	0.0	0.0	0	1711	0	0	0	0	0	1711	0	0	1711
1200 VEGETABLES	41	0.0	0.0	0	1828	56	0	0	0	0	1885	0	0	1885
1300 ORNAMENTALS TURF	5	0.0	0.0	0	126	0	0	0	0	0	126	0	0	126
1400 CORN	14	0.0	0.0	0	561	0	0	0	0	0	561	0	0	561
1500 GRAIN SORGHUM	3	0.0	0.0	0	102	0	0	0	0	0	102	0	0	102
1600 RICE	3	0.0	0.0	0	57	0	0	0	0	0	57	0	0	57
1700 WHEAT	18	0.0	0.0	0	813	0	0	0	0	0	813	0	0	813
1800 OTHER SMALL GRAINS	7	0.0	0.0	0	37	0	0	0	0	0	37	0	0	37
1900 PASTURE	4	0.0	0.0	0	65	0	0	0	0	0	65	0	0	65
2000 FORAGE CROPS	25	0.0	0.0	0	460	0	0	0	0	0	460	0	0	460
2100 COTTON	6	0.0	0.0	0	110	34	0	0	0	0	144	0	0	144
2300 SOYBEANS	11	0.0	0.0	0	568	34	0	0	0	0	602	0	0	602
2400 PEANUTS	3	0.0	0.0	0	86	0	0	0	0	0	86	0	0	86
2500 OTHER OILSEED CROPS	2	0.0	0.0	0	180	0	0	0	0	0	180	0	0	180
2700 SUGAR CROPS	6	0.0	0.0	0	90	0	0	0	0	0	90	0	0	90
2800 MISC NEW CROPS	8	0.0	0.0	0	701	0	0	0	0	0	701	0	0	701
2900 POULTRY	9	0.0	0.0	0	734	0	0	0	0	0	734	0	0	734
3000 BEEF CATTLE	32	0.0	0.0	0	2179	150	0	0	0	0	2329	0	0	2329
3100 DAIRY CATTLE	23	0.0	0.0	0	1556	0	0	0	0	0	1556	0	0	1556
3200 SWINE	13	0.0	0.0	0	1028	0	0	0	0	0	1028	0	0	1028
3300 SHEEP AND WOOL	6	0.0	0.0	0	241	0	0	0	0	0	241	0	0	241
3400 OTHER ANIMALS	8	0.0	0.0	0	574	0	0	0	0	0	574	0	0	574
3500 BEES AND HONEY	2	0.0	0.0	0	25	0	0	0	0	0	25	0	0	25
3600 FARM SUPP & FACILITS	2	0.0	0.0	0	32	0	0	0	0	0	32	0	0	32
3800 FOOD	6	0.0	0.0	0	636	0	0	0	0	0	636	0	0	636
3900 HOUSING & EQUIP	3	0.0	0.0	0	22	0	0	0	0	0	22	0	0	22
4000 PEOPLE AS INDIVIDUALS	3	0.0	0.0	0	202	0	0	0	0	0	202	0	0	202
4100 FAMILY MEMBERS	1	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
4200 FARM AS BUSINESS	1	0.0	0.0	0	54	0	0	0	0	0	54	0	0	54
4300 SOC POLIT ORGANIZ	4	0.0	0.0	0	293	0	0	0	0	0	293	0	0	293
4400 AGRIC ECONOMY U S	3	0.0	0.0	0	733	0	0	0	0	0	733	0	0	733
4500 AGRIC ECONOMY FORGN	4	0.0	0.0	0	1284	0	0	0	0	0	1284	0	0	1284
4800 MARKETING SYSTEMS	2	0.0	0.0	0	99	0	0	0	0	0	99	0	0	99
6100 WEEDS	8	0.0	0.0	0	116	0	0	0	0	0	116	0	0	116
6300 BIO CELL SYSTEMS	2	0.0	0.0	0	134	0	0	0	0	0	134	0	0	134
6400 EXP DESIGN/STAT METHOD	1	0.0	0.0	0	6	0	0	0	0	0	6	0	0	6
6500 INVERTEBRATES	5	0.0	0.0	0	32	0	0	0	0	0	32	0	0	32
6600 MICROORGANISMS VIRUSES	12	0.0	0.0	0	581	0	0	0	0	0	581	0	0	581
6700 PLANTS	41	0.0	0.0	0	2266	0	0	0	0	0	2266	0	0	2266
6800 ANIMALS(VERTEBRATES)	23	0.0	0.0	0	657	0	0	0	0	0	657	0	0	657
6900 RESEARCH ON RSCH MGMT	2	0.0	0.0	0	62	0	0	0	0	0	62	0	0	62
7000 RSCH EQUIP & TECHNOLOG	3	0.0	0.0	0	218	0	0	0	0	0	218	0	0	218
TOTAL		0.0	0.0	0	29227	2337	0	0	0	0	31564	0	0	31564

TABLE III-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
101 APPRAIS OF SOIL RESOR	2	0.0	0.0	0	82	0	0	0	0	0	82	0	0	82
102 SOIL PLNT WTR MGTHI	10	0.0	0.0	0	697	0	0	0	0	0	697	0	0	697
104 ALTERN USE OF LAND	2	0.0	0.0	0	154	0	0	0	0	0	154	0	0	154
105 CONSERV USE OF WATER	1	0.0	0.0	0	65	0	0	0	0	0	65	0	0	65
106 DRAIN AND IRRIGATION	3	0.0	0.0	0	115	0	0	0	0	0	115	0	0	115
107 WATERSHED PROT & MGMT	3	0.0	0.0	0	171	0	0	0	0	0	171	0	0	171
109 WEATHER ADAPT & MOD	1	0.0	0.0	0	110	0	0	0	0	0	110	0	0	110
111 BIOL CULT MGMT FORSTS	4	0.0	0.0	0	129	0	0	0	0	0	129	0	0	129
112 IMPROV RANGE RESOR	10	0.0	0.0	0	225	77	0	0	0	0	302	0	0	302
113 REMOTE SENSING	1	0.0	0.0	0	181	0	0	0	0	0	181	0	0	181
114 RSCH ON MGMT OF RSCH	2	0.0	0.0	0	62	0	0	0	0	0	62	0	0	62
SUBTOTAL		0.0	0.0	0	1991	77	0	0	0	0	2067	0	0	2067
SERIES 200														
201 CNTRL FORST INSECTS	2	0.0	0.0	0	92	0	0	0	0	0	92	0	0	92
202 CONTROL FOREST DIS	2	0.0	0.0	0	905	0	0	0	0	0	905	0	0	905
204 CNTR PESTS FRT & VEGS	51	0.0	0.0	0	1343	0	0	0	0	0	1343	0	0	1343
205 CNTR DISE FRT & VEG	43	0.0	0.0	0	1662	0	0	0	0	0	1662	0	0	1662
206 CNTR WEEDS FRT & VEG	7	0.0	0.0	0	83	0	0	0	0	0	83	0	0	83
207 CNTR PESTS FLD CROPS	44	0.0	0.0	0	1341	0	0	0	0	0	1341	0	0	1341
208 CNTR DIS FIELD CROPS	33	0.0	0.0	0	835	67	0	0	0	0	902	0	0	902
209 CNTR WEEDS FLD CROPS	22	0.0	0.0	0	280	0	0	0	0	0	280	0	0	280
210 CONTR PESTS ANIMALS	11	0.0	0.0	0	650	0	0	0	0	0	650	0	0	650
211 CONTR DIS ANIMALS	43	0.0	0.0	0	4166	150	0	0	0	0	4316	0	0	4316
212 CNTR INTER PARASITES	2	0.0	0.0	0	107	0	0	0	0	0	107	0	0	107
214 PROTECT FROM POLLUTION	11	0.0	0.0	0	995	0	0	0	0	0	995	0	0	995
SUBTOTAL		0.0	0.0	0	12459	217	0	0	0	0	12676	0	0	12676
SERIES 300														
301 GENET BREED FORST TRE	1	0.0	0.0	0	24	0	0	0	0	0	24	0	0	24
302 IMP FOREST ENG SYS	2	0.0	0.0	0	926	0	0	0	0	0	926	0	0	926
304 IMP BIO EFF FRT & VEGS	26	0.0	0.0	0	972	56	0	0	0	0	1028	0	0	1028
305 MECH PROD FRT & VEGS	2	0.0	0.0	0	33	0	0	0	0	0	33	0	0	33
306 PROD MGMT SYS F & V	5	0.0	0.0	0	311	0	0	0	0	0	311	0	0	311
307 IMP BIO EFF FLD CRP	17	0.0	0.0	0	772	0	0	0	0	0	772	0	0	772
308 MECH PROD FIELD CROPS	2	0.0	0.0	0	53	0	0	0	0	0	53	0	0	53
309 PROD MGMT SYS FLD CRP	6	0.0	0.0	0	111	0	0	0	0	0	111	0	0	111
310 ANIMAL REPRODUCTION	7	0.0	0.0	0	590	0	0	0	0	0	590	0	0	590
311 IMP BIO EFF ANML PR	12	0.0	0.0	0	819	0	0	0	0	0	819	0	0	819
313 PROD MGMT SYS ANML PR	2	0.0	0.0	0	67	0	0	0	0	0	67	0	0	67
314 BEES OTH POLLTNG INS	2	0.0	0.0	0	25	0	0	0	0	0	25	0	0	25
316 FARM BUSINESS MGMT	1	0.0	0.0	0	54	0	0	0	0	0	54	0	0	54
318 NON COM BIO TECH/BIMET	9	0.0	0.0	0	431	0	0	0	0	0	431	0	0	431
SUBTOTAL		0.0	0.0	0	5188	56	0	0	0	0	5244	0	0	5244
SERIES 400														
401 NEW IMP FOREST PROD	9	0.0	0.0	0	840	37	0	0	0	0	876	0	0	876
402 PROD F & V IMP ACCEPT	9	0.0	0.0	0	306	0	0	0	0	0	306	0	0	306
403 NEW & IMP F & V PROD	1	0.0	0.0	0	29	0	0	0	0	0	29	0	0	29
404 MKT QUAL FRTS & VEGS	9	0.0	0.0	0	376	0	0	0	0	0	376	0	0	376
405 PROD FLD CROP IMP ACPT	2	0.0	0.0	0	103	0	0	0	0	0	103	0	0	103
407 NEW IMP NON FOOD PC	2	0.0	0.0	0	305	0	0	0	0	0	305	0	0	305
408 MKT QUAL FIELD CROPS	2	0.0	0.0	0	2	0	0	0	0	0	2	0	0	2
409 PROD ANML PR IMP ACCP	3	0.0	0.0	0	163	0	0	0	0	0	163	0	0	163
SUBTOTAL		0.0	0.0	0	2124	37	0	0	0	0	2161	0	0	2161
SERIES 500														
501 IMP GRADES & STANDS	2	0.0	0.0	0	80	0	0	0	0	0	80	0	0	80
503 MKTG EFF AGRI PRODS	3	0.0	0.0	0	158	0	0	0	0	0	158	0	0	158
506 SPLY DEMAND AND PRIC	4	0.0	0.0	0	677	0	0	0	0	0	677	0	0	677
507 COMP REL IN AGRIC	3	0.0	0.0	0	95	0	0	0	0	0	95	0	0	95
508 DOMESTIC MKT DEVELP	2	0.0	0.0	0	69	0	0	0	0	0	69	0	0	69
509 PERFORMANCE MKTG SYS	1	0.0	0.0	0	42	0	0	0	0	0	42	0	0	42
510 GROUP ACT MKT POWER	1	0.0	0.0	0	14	0	0	0	0	0	14	0	0	14
511 IMP AGRIC STATISTICS	1	0.0	0.0	0	194	0	0	0	0	0	194	0	0	194
SUBTOTAL		0.0	0.0	0	1329	0	0	0	0	0	1329	0	0	1329
SERIES 600														
601 FGN MKT DEVELP	5	0.0	0.0	0	1365	0	0	0	0	0	1365	0	0	1365
603 TECH AID DEV CNTY	2	0.0	0.0	0	24	0	0	0	0	0	24	0	0	24
SUBTOTAL		0.0	0.0	0	1389	0	0	0	0	0	1389	0	0	1389
SERIES 700														
701 TOX RES IN FOOD	29	0.0	0.0	0	2220	0	0	0	0	0	2220	0	0	2220
702 FOOD PROT FROM TOI	1	0.0	0.0	0	54	0	0	0	0	0	54	0	0	54
703 FOOD CONSUMP HABITS	2	0.0	0.0	0	109	0	0	0	0	0	109	0	0	109
706 CONTR INSECTS AFF MAN	2	0.0	0.0	0	87	0	0	0	0	0	87	0	0	87
708 HUMAN NUTRITION	1	0.0	0.0	0	5	0	0	0	0	0	5	0	0	5
709 REDUCE HAZ HLTH & SFTY	2	0.0	0.0	0	9	0	0	0	0	0	9	0	0	9
SUBTOTAL		0.0	0.0	0	2484	0	0	0	0	0	2484	0	0	2484
SERIES 800														
802 INDIV & FAM DEC MAKING	1	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
803 RURAL POVERTY	1	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
804 ECON POTENT RURL PEO	1	0.0	0.0	0	30	0	0	0	0	0	30	0	0	30
806 ADJUSTMENT TO CHANGE	1	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
807 AGRIC ECONOMIC CHANGE	3	0.0	0.0	0	103	0	0	0	0	0	103	0	0	103
808 GOVT PROGRAMS	2	0.0	0.0	0	68	0	0	0	0	0	68	0	0	68
SUBTOTAL		0.0	0.0	0	252	0	0	0	0	0	252	0	0	252
SERIES 900														
901 ALLEV POLLUTION	10	0.0	0.0	0	519	0	0	0	0	0	519	0	0	519
904 WLDLFE AND FISH ECOL	14	0.0	0.0	0	1117	1950	0	0	0	0	3067	0	0	3067
906 ORNAMENT & TURF DEV	5	0.0	0.0	0	126	0	0	0	0	0	126	0	0	126
907 RURAL INCOME IMP	3	0.0	0.0	0	90	0	0	0	0	0	90	0	0	90
908 RURAL INSTITUT IMP	4	0.0	0.0	0	159	0	0	0	0	0	159	0	0	159
SUBTOTAL		0.0	0.0	0	2011	1950	0	0	0	0	3962	0	0	3962
SCIENCE IN SERV OF MAN														
GRAND TOTAL		0.0	0.0	0	29227	2337	0	0	0	0	31564	0	0	31564

TABLE III-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YRS I.H. SYS	STAFF-YRS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0600 TIMBER FORST PRODUCT	48	0.0	0.0	0	2734	3472	0	0	0	0	6206	0	0	6206
0800 WILDLIFE AND FISH	2	0.0	0.0	0	100	120	0	0	0	0	220	0	0	220
0900 CITRUS SUB TROP FRUT	3	0.0	0.0	0	210	30	0	0	0	0	240	0	0	240
1000 FRUIT NUTS DECIDUCUS	1	0.0	0.0	0	117	0	0	0	0	0	117	0	0	117
1200 VEGETABLES	9	0.0	0.0	0	1080	351	0	0	0	0	1431	0	0	1431
1400 CORN	12	0.0	0.0	0	594	835	0	0	0	0	1429	0	0	1429
1700 WHEAT	5	0.0	0.0	0	365	150	0	0	0	0	515	0	0	515
1800 OTHER SMALL GRAINS	4	0.0	0.0	0	211	150	0	0	0	0	361	0	0	361
2000 FORAGE CROPS	3	0.0	0.0	0	274	0	0	0	0	0	274	0	0	274
2100 COTTON	2	0.0	0.0	0	100	30	0	0	0	0	130	0	0	130
2300 SOYBEANS	8	0.0	0.0	0	543	105	0	0	0	0	648	0	0	648
2500 OTHER OILSEED CROPS	1	0.0	0.0	0	0	125	0	0	0	0	125	0	0	125
2600 TOBACCO	1	0.0	0.0	0	0	145	0	0	0	0	145	0	0	145
2900 POULTRY	16	0.0	0.0	0	1195	1337	0	0	0	0	2532	0	0	2532
3000 BEEF CATTLE	21	0.0	0.0	0	926	1725	0	0	0	0	2650	0	0	2650
3100 DAIRY CATTLE	15	0.0	0.0	0	1681	302	0	0	0	0	1983	0	0	1983
3200 SWINE	13	0.0	0.0	0	721	921	0	0	0	0	1643	0	0	1643
3300 SHEEP AND WOOL	8	0.0	0.0	0	860	250	0	0	0	0	1110	0	0	1110
3400 OTHER ANIMALS	4	0.0	0.0	0	30	435	0	0	0	0	465	0	0	465
3500 BEES AND HONEY	1	0.0	0.0	0	100	0	0	0	0	0	100	0	0	100
3800 FOOD	7	0.0	0.0	0	308	81	0	0	0	0	389	0	0	389
3900 HOUSING & EQUIP	2	0.0	0.0	0	0	176	0	0	0	0	176	0	0	176
4000 PEOPLE AS INDIVIDUALS	11	0.0	0.0	0	315	476	0	0	0	0	791	0	0	791
4100 FAMILY MEMBERS	4	0.0	0.0	0	42	356	0	0	0	0	398	0	0	398
6100 WEEDS	4	0.0	0.0	0	247	0	0	0	0	0	247	0	0	247
6300 BIO CELL SYSTEMS	2	0.0	0.0	0	50	78	0	0	0	0	129	0	0	129
6500 INVERTEBRATES	48	0.0	0.0	0	2275	1518	0	0	0	0	3793	0	0	3793
6600 MICROORGANISMS VIRUSES	75	0.0	0.0	0	4233	2017	0	0	0	0	6249	0	0	6249
6700 PLANTS	93	0.0	0.0	0	4220	4133	0	0	0	0	8353	0	0	8353
6800 ANIMALS (VERTEBRATES)	8	0.0	0.0	0	459	113	0	0	0	0	572	0	0	572
TOTAL		0.0	0.0	0	23992	19430	0	0	0	0	43422	0	0	43422

TABLE III-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SYS	STAFF SUPPORT YEARS OTHER	REG IN HOUSE	C G SAES	CA CN GT	OTHER	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100															
102 SOIL PLNT NTR NUTRI	2	0.0	0.0	0	153	0		0	0	0	0	153	0	0	153
103 MGMT OF SALINE SOILS	2	0.0	0.0	0	50	125		0	0	0	0	175	0	0	175
105 CONSERV USE OF WATER	2	0.0	0.0	0	90	96		0	0	0	0	186	0	0	186
111 BIOL CULT AGMT FORSTS	10	0.0	0.0	0	650	1004		0	0	0	0	1654	0	0	1654
SUBTOTAL		0.0	0.0	0	943	1225		0	0	0	0	2168	0	0	2168
SERIES 200															
201 CNTRL FORST INSECTS	15	0.0	0.0	0	1090	800		0	0	0	0	1890	0	0	1890
202 CONTROL FOREST DIS	2	0.0	0.0	0	258	0		0	0	0	0	258	0	0	258
204 CNTR PESTS FRT & VEGS	2	0.0	0.0	0	0	80		0	0	0	0	80	0	0	80
205 CNTR DISE FRT & VEG	2	0.0	0.0	0	207	0		0	0	0	0	207	0	0	207
206 CNTR WEEDS FRT & VEG	1	0.0	0.0	0	100	0		0	0	0	0	100	0	0	100
207 CNTR PESTS FLD CRCPS	6	0.0	0.0	0	350	190		0	0	0	0	540	0	0	540
208 CNTR DIS FIELD CRCPS	6	0.0	0.0	0	469	50		0	0	0	0	519	0	0	519
209 CNTR WEEDS FLD CROPS	3	0.0	0.0	0	185	0		0	0	0	0	185	0	0	185
211 CONTR DIS ANIMALS	16	0.0	0.0	0	885	1595		0	0	0	0	2480	0	0	2480
SUBTOTAL		0.0	0.0	0	3543	2715		0	0	0	0	6258	0	0	6258
SERIES 300															
301 GENET BREED FORST TRE	4	0.0	0.0	0	259	195		0	0	0	0	454	0	0	454
304 IMP BIO EFF FRT & VEGS	10	0.0	0.0	0	1303	121		0	0	0	0	1424	0	0	1424
305 MECH PRCD FRT & VEGS	1	0.0	0.0	0	0	230		0	0	0	0	230	0	0	230
307 IMP BIO EFF FLD CRP	32	0.0	0.0	0	1667	1757		0	0	0	0	3424	0	0	3424
309 PROD MGMT SYS FLD CRP	1	0.0	0.0	0	20	0		0	0	0	0	20	0	0	20
310 ANIMAL REPRODUCTION	28	0.0	0.0	0	2394	1652		0	0	0	0	4046	0	0	4046
311 IMP BIO EFF ANML PR	21	0.0	0.0	0	1760	1572		0	0	0	0	3331	0	0	3331
314 BEES OTH POLLNTNG INS	1	0.0	0.0	0	100	0		0	0	0	0	100	0	0	100
318 NON CON BIO TECH/PIMET	176	0.0	0.0	0	9135	6837		0	0	0	0	15973	0	0	15973
SUBTOTAL		0.0	0.0	0	16637	12364		0	0	0	0	29001	0	0	29001
SERIES 400															
401 NEW IMP FOREST PRCD	25	0.0	0.0	0	1014	1830		0	0	0	0	2844	0	0	2844
407 NEW IMP NON FOOD PC	1	0.0	0.0	0	76	0		0	0	0	0	76	0	0	76
409 PROD ANML PR IMP ACCP	3	0.0	0.0	0	484	0		0	0	0	0	484	0	0	484
411 IMP NON FOOD ANML PR	1	0.0	0.0	0	0	117		0	0	0	0	117	0	0	117
SUBTOTAL		0.0	0.0	0	1574	1947		0	0	0	0	3521	0	0	3521
SERIES 700															
708 HUMAN NUTRITION	27	0.0	0.0	0	1194	1059		0	0	0	0	2253	0	0	2253
SUBTOTAL		0.0	0.0	0	1194	1059		0	0	0	0	2253	0	0	2253
SERIES 900															
904 WLDLFE AND FISH ECOL	2	0.0	0.0	0	100	120		0	0	0	0	220	0	0	220
SUBTOTAL		0.0	0.0	0	100	120		0	0	0	0	220	0	0	220
SCIENCE IN SERV OF MAN															
GRAND TOTAL		0.0	0.0	0	23992	19430		0	0	0	0	43422	0	0	43422

TABLE III-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS I.H. SYS	STAFF YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	23	36.6	0.0	3651	0	0	0	0	0	12	3663	0	0	3663
0200 WATER	14	19.6	0.0	1898	0	0	0	0	0	3	1901	0	0	1901
0300 WATERSHEDS RIVER BAS	2	1.7	0.0	162	0	0	0	0	0	0	162	0	0	162
0500 RECREATION RESOURCES	1	1.1	0.0	93	0	0	0	0	0	0	93	0	0	93
0900 CITRUS SUB TROP FRUT	5	3.4	0.0	353	0	0	0	0	0	0	353	0	0	353
1000 FRUIT NUTS DECIDUOUS	5	3.6	0.0	373	0	0	0	0	0	0	373	0	0	373
1200 VEGETABLES	3	1.7	0.0	199	0	0	0	0	0	0	199	0	0	199
1400 CORN	9	2.9	0.0	362	0	0	0	0	0	0	362	0	0	362
1500 GRAIN SORGHUM	7	1.2	0.0	143	0	0	0	0	0	0	143	0	0	143
1600 RICE	4	0.9	0.0	131	0	0	0	0	0	0	131	0	0	131
1700 WHEAT	10	2.4	0.0	343	0	0	0	0	0	0	343	0	0	343
1800 OTHER SMALL GRAINS	6	1.3	0.0	146	0	0	0	0	0	0	146	0	0	146
1900 PASTURE	1	0.1	0.0	9	0	0	0	0	0	0	9	0	0	9
2000 FORAGE CROPS	1	0.2	0.0	14	0	0	0	0	0	0	14	0	0	14
2100 COTTON	8	12.6	0.0	1595	0	0	0	0	0	0	1595	0	0	1595
2300 SOYBEANS	9	3.5	0.0	511	0	0	0	0	0	0	511	0	0	511
2400 PEANUTS	1	0.1	0.0	9	0	0	0	0	0	0	9	0	0	9
2500 OTHER OILSEED CROPS	4	0.8	0.0	109	0	0	0	0	0	0	109	0	0	109
2700 SUGAR CROPS	4	5.8	0.0	719	0	0	0	0	0	0	719	0	0	719
2800 MISC NEW CROPS	1	0.4	0.0	40	0	0	0	0	0	0	40	0	0	40
2900 POULTRY	8	4.2	0.0	417	0	0	0	0	0	5	422	0	0	422
3000 BEEF CATTLE	10	6.6	0.0	826	0	0	0	0	0	27	853	0	0	853
3100 DAIRY CATTLE	12	8.4	0.0	1054	0	0	0	0	0	2	1057	0	0	1057
3200 SWINE	10	4.9	0.0	611	0	0	0	0	0	19	630	0	0	630
3300 SHEEP AND WOOL	3	4.4	0.0	540	0	0	0	0	0	0	540	0	0	540
3600 FARM SUPP & FACILITS	6	7.8	0.0	687	0	0	0	0	0	0	687	0	0	687
3700 CLOTHING & TEXTILES	1	0.2	0.0	28	0	0	0	0	0	0	28	0	0	28
3800 FOOD	4	6.1	0.0	805	0	0	0	0	0	37	842	0	0	842
3900 HOUSING & EQUIP	1	0.4	0.0	35	0	0	0	0	0	0	35	0	0	35
4000 PEOPLE AS INDIVIDUALS	8	6.3	0.0	854	0	0	0	0	0	0	854	0	0	854
4100 FAMILY MEMBERS	8	11.2	0.0	1368	0	0	0	0	0	0	1368	0	0	1368
4200 FARM AS BUSINESS	9	7.7	0.0	5358	0	0	0	0	0	0	5358	0	0	5358
4300 SOC POLIT ORGANIZ	17	26.0	0.0	2150	0	0	0	0	0	0	2150	0	0	2150
4400 AGRIC ECONOMY U S	48	82.2	0.0	7369	0	0	0	0	0	0	7369	0	0	7369
4500 AGRIC ECONOMY FORGN	49	121.3	0.0	9869	0	0	0	0	0	13	9882	257	0	10139
4800 MARKETING SYSTEMS	10	16.7	0.0	1937	0	0	0	0	0	0	1937	0	0	1937
6900 RESEARCH ON RSCH MGMT	1	0.4	0.0	39	0	0	0	0	0	0	39	0	0	39
TOTAL		414.9	0.0	44811	0	0	0	0	0	118	44929	257	0	45186

TABLE III-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SYS	STAFF SUPPORT YEARS OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
102 SOIL PLNT WTR NUTRI	3	6.8	0.0	613	0	0	0	0	0	0	613	0	0	613
103 MGMT OF SALINE SOILS	1	1.2	0.0	96	0	0	0	0	0	0	96	0	0	96
104 ALTERN USE OF LAND	19	41.2	0.0	4166	0	0	0	0	0	15	4181	0	0	4181
105 CONSERV USE OF WATER	1	2.3	0.0	254	0	0	0	0	0	0	254	0	0	254
108 ECON LEG PROB OF NAT	2	6.2	0.0	556	0	0	0	0	0	0	556	0	0	556
114 RSCH ON MGMT OF RSCH	1	0.4	0.0	39	0	0	0	0	0	0	39	0	0	39
SUBTOTAL		58.1	0.0	5724	0	0	0	0	0	15	5739	0	0	5739
SERIES 200														
214 PROTECT FROM POLLUTION	1	0.6	0.0	66	0	0	0	0	0	0	66	0	0	66
SUBTOTAL		0.6	0.0	66	0	0	0	0	0	0	66	0	0	66
SERIES 300														
313 PROD MGMT SYS ANML PR	3	2.3	0.0	274	0	0	0	0	0	0	274	0	0	274
316 FARM BUSINESS MGMT	5	5.6	0.0	5168	0	0	0	0	0	0	5168	0	0	5168
SUBTOTAL		7.9	0.0	5442	0	0	0	0	0	0	5442	0	0	5442
SERIES 500														
503 MKTG EFF AGRI PRODS	12	9.5	0.0	1027	0	0	0	0	0	0	1027	0	0	1027
506 SPLY DEMAND AND PRIC	33	59.6	0.0	6755	0	0	0	0	0	33	6787	0	0	6787
507 COMP REL IN AGRIC	4	3.2	0.0	326	0	0	0	0	0	0	326	0	0	326
508 DOMESTIC MKT DEVELP	2	3.0	0.0	387	0	0	0	0	0	0	387	0	0	387
509 PERFORMANCE MKTG SYS	20	28.9	0.0	3660	0	0	0	0	0	14	3674	0	0	3674
SUBTOTAL		104.2	0.0	12156	0	0	0	0	0	47	12202	0	0	12202
SERIES 600														
601 FGN MKT DEVELP	54	119.4	0.0	9690	0	0	0	0	0	13	9703	257	0	9960
602 EVAL FGN FOOD AID PGM	1	5.7	0.0	528	0	0	0	0	0	0	528	0	0	528
603 TECH AID DEV CRTY	1	0.1	0.0	42	0	0	0	0	0	0	42	0	0	42
SUBTOTAL		125.2	0.0	10259	0	0	0	0	0	13	10272	257	0	10529
SERIES 700														
702 FOOD PROT FROM TOX	1	1.9	0.0	240	0	0	0	0	0	25	265	0	0	265
703 FOOD CONSUMP HABITS	3	2.0	0.0	297	0	0	0	0	0	19	315	0	0	315
708 HUMAN NUTRITION	1	0.1	0.0	20	0	0	0	0	0	0	20	0	0	20
SUBTOTAL		4.0	0.0	557	0	0	0	0	0	43	600	0	0	600
SERIES 800														
804 ECON POTENT RURL REG	8	12.8	0.0	1328	0	0	0	0	0	0	1328	0	0	1328
805 COMMUNICAT EDUC PROC	2	1.0	0.0	58	0	0	0	0	0	0	58	0	0	58
806 ADJUSTMENT TO CHANGE	6	9.2	0.0	1330	0	0	0	0	0	0	1330	0	0	1330
807 AGRIC ECONOMIC CHANGE	36	50.4	0.0	4562	0	0	0	0	0	0	4562	0	0	4562
808 GOVT PROGRAMS	17	21.8	0.0	1806	0	0	0	0	0	0	1806	0	0	1806
SUBTOTAL		95.3	0.0	9084	0	0	0	0	0	0	9084	0	0	9084
SERIES 900														
901 ALLEV POLLUTION	1	0.1	0.0	9	0	0	0	0	0	0	9	0	0	9
902 OUTDOOR RECREATION	1	1.1	0.0	93	0	0	0	0	0	0	93	0	0	93
904 WLDLFE AND FISH ECOL	1	0.9	0.0	64	0	0	0	0	0	0	64	0	0	64
907 RURAL INCOME INF	3	6.1	0.0	491	0	0	0	0	0	0	491	0	0	491
908 RURAL INSTITUT INF	8	11.5	0.0	866	0	0	0	0	0	0	866	0	0	866
SUBTOTAL		19.6	0.0	1524	0	0	0	0	0	0	1524	0	0	1524
SCIENCE IN SERV OF MAN														
GRAND TOTAL		414.9	0.0	44811	0	0	0	0	0	118	44929	257	0	45186

U S FOREST SERVICE

TABLE III-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SYS	STAFF SUPPORT YEARS OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	19	12.7	19.2	1873	0	0	0	0	745	0	2618	221	1	2840
0200 WATER	9	7.9	7.2	1086	0	0	0	0	57	0	1143	38	0	1181
0300 WATERSHEDS RIVER BAS	51	40.8	63.1	6615	0	0	0	0	539	0	7154	731	42	7927
0400 AIR AND CLIMATE	10	5.0	6.6	766	0	0	0	0	256	0	1022	239	0	1261
0500 RECREATION RESOURCES	17	18.8	10.4	2163	0	0	0	0	467	0	2629	243	54	2927
0600 TIMBER FORST PRODUCT	451	553.7	777.4	87230	0	0	0	0	11235	0	98465	6339	1635	106439
0700 RANGE	36	20.6	25.3	2773	0	0	0	0	263	0	3036	499	85	3620
0800 WILDLIFE AND FISH	62	45.9	63.4	8311	0	0	0	0	995	0	9306	1360	61	10727
3900 HOUSING & EQUIP	4	5.0	9.9	874	0	0	0	0	0	0	874	0	36	909
4800 MARKETING SYSTEMS	1	0.2	0.2	18	0	0	0	0	0	0	18	0	0	18
6500 INVERTEBRATES	3	1.6	1.0	236	0	0	0	0	6	0	243	2	0	245
6900 RESEARCH ON RSCH MGMT	3	1.0	1.4	167	0	0	0	0	46	0	213	0	0	213
TOTAL		713.2	985.1	112112	0	0	0	0	14609	0	126721	9673	1914	138308

U S FOREST SERVICE

TABLE III-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SYS	STAFF SUPPORT YEARS OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
102 SOIL PLNT WTR NUTRI	23	20.5	18.3	2335	0	0	0	0	88	0	2423	239	3	2665
104 ALTERN USE OF LAND	3	1.0	1.8	210	0	0	0	0	0	0	210	61	0	270
105 CONSERV USE OF WATER	1	0.8	1.8	171	0	0	0	0	12	0	183	36	0	219
107 WATERSHED PROT & MGMT	50	44.4	72.4	7243	0	0	0	0	460	0	7703	626	185	8515
109 WEATHER ADAPT & MOD	3	1.9	2.5	205	0	0	0	0	0	0	205	0	1	206
110 APPRAIS FORST & RANGS	30	46.7	212.0	12013	0	0	0	0	906	0	12919	874	17	13810
111 BIOL CULT MGMT FORSTS	139	152.4	198.9	19993	0	0	0	0	1853	0	21846	1669	344	23859
112 IMPROV RANGE RESOR	17	9.8	9.4	1377	0	0	0	0	102	0	1479	202	5	1686
113 REMOTE SENSING	1	0.0	0.0	0	0	0	0	0	322	0	322	0	0	322
114 RSCH ON MGMT OF RSCH	3	1.0	1.4	167	0	0	0	0	46	0	213	0	0	213
SUBTOTAL		278.5	518.6	43713	0	0	0	0	3790	0	47503	3708	555	51766
SERIES 200														
201 CNTRL FORST INSECTS	64	70.9	76.5	10442	0	0	0	0	2621	0	13063	115	17	13195
202 CONTROL FOREST DIS	52	42.2	55.6	7385	0	0	0	0	913	0	8298	429	135	8862
203 FOREST FIRE PROTECT	31	35.9	35.1	5280	0	0	0	0	554	0	5834	355	168	6358
207 CNTR PESTS FLD CRCPS	1	0.0	0.2	2	0	0	0	0	0	0	2	39	0	41
208 CNTR DIS FIELD CRCPS	2	0.8	1.2	92	0	0	0	0	0	0	92	48	0	141
214 PROTECT FROM POLLUTION	7	12.3	10.3	3352	0	0	0	0	1246	0	4598	33	0	4632
SUBTOTAL		162.2	179.0	26554	0	0	0	0	5334	0	31888	1020	320	33228
SERIES 300														
301 GENET BREED FORST TRE	26	23.8	39.2	4033	0	0	0	0	215	0	4248	673	28	4948
302 IMP FOREST ENG SYS	15	20.2	26.5	2628	0	0	0	0	148	0	2777	130	10	2917
303 ECON TIMBER PRODUCTN	21	14.8	13.3	1539	0	0	0	0	286	0	1825	416	4	2245
SUBTOTAL		58.7	78.9	8200	0	0	0	0	649	0	8849	1219	42	10110
SERIES 400														
401 NEW IMP FOREST PRCD	69	84.3	68.5	15193	0	0	0	0	1303	0	16496	788	825	18110
SUBTOTAL		84.3	68.5	15193	0	0	0	0	1303	0	16496	788	825	18110
SERIES 500														
502 MKTG TIMBER PRODUCTS	2	0.6	0.8	94	0	0	0	0	128	0	222	0	0	222
509 PERFORMANCE MKTG SYS	1	0.2	0.2	18	0	0	0	0	0	0	18	0	0	18
512 IMP GRADES FRST PROD	6	8.7	5.2	742	0	0	0	0	0	0	742	118	9	869
513 PRICE ANAL FRST PROD	13	18.2	13.3	2149	0	0	0	0	458	0	2607	191	5	2803
SUBTOTAL		27.7	19.5	3003	0	0	0	0	586	0	3589	309	14	3912
SERIES 800														
801 RURAL HOUSING	4	5.0	9.9	874	0	0	0	0	0	0	874	0	36	909
SUBTOTAL		5.0	9.9	874	0	0	0	0	0	0	874	0	36	909
SERIES 900														
901 ALLEV POLLUTION	26	14.3	18.5	2455	0	0	0	0	1544	0	3999	319	0	4318
902 OUTDOOR RECREATION	16	17.8	8.3	1910	0	0	0	0	396	0	2306	243	49	2599
903 MULTI USE FOREST POTEN	17	15.5	22.6	1461	0	0	0	0	143	0	1604	715	9	2327
904 WLDLFE AND FISH ECOL	55	47.9	60.4	8593	0	0	0	0	864	0	9456	1351	64	10872
905 TREES BEAUTIFICATION	3	1.1	0.9	156	0	0	0	0	0	0	156	0	0	156
SUBTOTAL		96.7	110.7	14574	0	0	0	0	2947	0	17521	2629	122	20272
SCIENCE IN SERV OF MAN														
GRAND TOTAL		713.2	985.1	112112	0	0	0	0	14609	0	126721	9673	1914	138308

TABLE III-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0800 WILDLIFE AND FISH	3	0.0	0.0	0	0	14	0	0	0	0	14	0	0	14
0900 CITRUS SUB TROP FRUT	2	0.0	0.0	0	0	13	0	0	0	0	13	0	0	13
1000 FRUIT NUTS DECIDUOUS	1	0.0	0.0	0	0	11	0	0	0	0	11	0	0	11
1100 POTATOES	1	0.0	0.0	0	0	6	0	0	0	0	6	0	0	6
1200 VEGETABLES	4	0.0	0.0	0	0	37	0	0	0	0	37	0	0	37
1400 CORN	2	0.0	0.0	0	0	12	0	0	0	0	12	0	0	12
1600 RICE	2	0.0	0.0	0	0	7	0	0	0	0	7	0	0	7
1700 WHEAT	5	0.0	0.0	0	0	66	0	0	0	0	66	0	0	66
1800 OTHER SMALL GRAINS	2	0.0	0.0	0	0	23	0	0	0	0	23	0	0	23
2900 POULTRY	3	0.0	0.0	0	0	26	0	0	0	0	26	0	0	26
3100 DAIRY CATTLE	2	0.0	0.0	0	0	21	0	0	0	0	21	0	0	21
3200 SWINE	1	0.0	0.0	0	0	1	0	0	0	0	1	0	0	1
3800 FOOD	22	13.1	48.7	3867	0	1999	0	0	0	0	5866	0	0	5866
4000 PEOPLE AS INDIVIDUALS	9	1.6	6.3	481	0	1906	0	0	0	0	2388	0	0	2388
4100 FAMILY MEMBERS	3	4.0	11.1	1010	0	13	0	0	0	0	1023	0	0	1023
6700 PLANTS	3	0.0	0.0	0	0	24	0	0	0	0	24	0	0	24
6800 ANIMALS (VERTEBRATES)	3	0.0	0.0	0	0	14	0	0	0	0	14	0	0	14
TOTAL		18.7	66.1	5359	0	4193	0	0	0	0	9552	0	0	9552

HUMAN NUTRITION INFORMATION SERVICE

TABLE III-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 700														
703 FOOD CONSUMP HABITS	17	11.7	35.1	2935	0	3847	0	0	0	0	6782	0	0	6782
708 HUMAN NUTRITION	19	6.9	30.5	2387	0	346	0	0	0	0	2733	0	0	2733
SUBTOTAL		18.5	65.7	5323	0	4193	0	0	0	0	9516	0	0	9516
SERIES 800														
802 INDIV & FAM DEC MAKING	1	0.2	0.4	37	0	0	0	0	0	0	37	0	0	37
SUBTOTAL		0.2	0.4	37	0	0	0	0	0	0	37	0	0	37
SCIENCE IN SERV OF MAN														
GRAND TOTAL		18.7	66.1	5359	0	4193	0	0	0	0	9552	0	0	9552

OFFICE INTL COOP & DEVELOPMENT

TABLE III-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SALES	CA CN	OTHER GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
3200 SWINE	1	0.0	0.0	0	0		10	0	0	0	0	10	0	0	10
TOTAL		0.0	0.0	0	0		10	0	0	0	0	10	0	0	10

OFFICE INTL COOP & DEVELOPMENT

TABLE III-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SALES	CA CN	OTHER GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 200															
211 CONTR DIS ANIMALS	1	0.0	0.0	0	0		10	0	0	0	0	10	0	0	10
SUBTOTAL		0.0	0.0	0	0		10	0	0	0	0	10	0	0	10
SCIENCE IN SERV OF MAN															
GRAND TOTAL		0.0	0.0	0	0		10	0	0	0	0	10	0	0	10

SMALL BUSINESS INNOVATIVE RESEARCH GRANTS

TABLE III-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YRS I.H. SYS	STAFF-YRS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0200 WATER	1	0.0	0.0	0	0	197	0	0	0	0	197	0	0	197
0300 WATERSHEDS RIVER BAS	1	0.0	0.0	0	0	218	0	0	0	0	218	0	0	218
0600 TIMBER FORST PRODUCT	1	0.0	0.0	0	0	217	0	0	0	0	217	0	0	217
1200 VEGETABLES	1	0.0	0.0	0	0	210	0	0	0	0	210	0	0	210
2800 MISC NEW CROPS	3	0.0	0.0	0	0	572	0	0	0	0	572	0	0	572
2900 POULTRY	1	0.0	0.0	0	0	180	0	0	0	0	180	0	0	180
3000 BEEF CATTLE	1	0.0	0.0	0	0	190	0	0	0	0	190	0	0	190
6600 MICROORGANISMS VIRUSES	1	0.0	0.0	0	0	200	0	0	0	0	200	0	0	200
TOTAL		0.0	0.0	0	0	1984	0	0	0	0	1984	0	0	1984

SMALL BUSINESS INNOVATIVE RESEARCH GRANTS

TABLE III-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YRS I.H. SYS	STAFF-YRS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
103 MGMT OF SALINE SOILS	1	0.0	0.0	0	0	197	0	0	0	0	197	0	0	197
SUBTOTAL		0.0	0.0	0	0	197	0	0	0	0	197	0	0	197
SERIES 200														
201 CNTRL FORST INSECTS	1	0.0	0.0	0	0	217	0	0	0	0	217	0	0	217
204 CNTR PESTS FRT & VEGS	1	0.0	0.0	0	0	210	0	0	0	0	210	0	0	210
205 CNTR DISE FRT & VEG	1	0.0	0.0	0	0	210	0	0	0	0	210	0	0	210
SUBTOTAL		0.0	0.0	0	0	637	0	0	0	0	637	0	0	637
SERIES 300														
302 IMP FOREST ENG SYS	1	0.0	0.0	0	0	218	0	0	0	0	218	0	0	218
305 MECH PRCD FRT & VEGS	1	0.0	0.0	0	0	132	0	0	0	0	132	0	0	132
311 IMP BIO EFF ANML PR	2	0.0	0.0	0	0	275	0	0	0	0	275	0	0	275
312 ENV STRESS IN ANML PR	1	0.0	0.0	0	0	95	0	0	0	0	95	0	0	95
SUBTOTAL		0.0	0.0	0	0	720	0	0	0	0	720	0	0	720
SERIES 400														
402 PROD F & V IMP ACCEPT	1	0.0	0.0	0	0	230	0	0	0	0	230	0	0	230
SUBTOTAL		0.0	0.0	0	0	230	0	0	0	0	230	0	0	230
SERIES 700														
702 FOOD PRCT FROM TOX	1	0.0	0.0	0	0	200	0	0	0	0	200	0	0	200
SUBTOTAL		0.0	0.0	0	0	200	0	0	0	0	200	0	0	200
SCIENCE IN SERV OF MAN														
GRAND TOTAL		0.0	0.0	0	0	1984	0	0	0	0	1984	0	0	1984

TABLE III-E SUMMARY BY AGENCY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION AGENCY	NO OF PROJ	STAFF I.H. SYS	STAFF SUPPORT YEARS OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
AGRICULTURAL COOP SERVICE	10	14.1	1.5	1468	0	0	0	0	0	90	1557	0	0	1557
AGRICULTURAL RESEARCH SER	1898	2695.6	4292.7	485627	4458	3925	0	0	0	0	494011	3828	2	497841
COMPETITIVE RESEARCH GRNT	393	0.0	0.0	0	23992	19430	0	0	0	0	43422	0	0	43422
COOPERATIVE STATE RES SER	380	0.0	0.0	0	29227	2337	0	0	0	0	31564	0	0	31564
ECONOMIC RESEARCH SERVICE	198	414.9	0.0	44811	0	0	0	0	0	118	44929	257	0	45186
U S FOREST SERVICE	567	713.2	985.1	112112	0	0	0	0	14609	0	126721	9673	1914	138308
HUMAN NUTRITION INFO SERV	29	18.7	66.1	5359	0	4193	0	0	0	0	9552	0	0	9552
OFFICE INTL COOP & DEVEL	1	0.0	0.0	0	0	10	0	0	0	0	10	0	0	10
SMALL BUSINESS INNOV GRNT	10	0.0	0.0	0	0	1984	0	0	0	0	1984	0	0	1984
TOTAL	3486	3856.5	5345.4	649377	57678	31879	0	0	14609	208	753750	13758	1916	769424

TABLE IV-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	MATH /BRP	SCIN STEN	SP GT	COMP GT	EVNS ALLN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	1206	354.4	1093.1	6834	393	898	69	382	0	0	8575	3142	6392	34047	2212	4911	5904	65184
0200 WATER	714	202.5	536.0	2965	168	288	0	153	0	0	3574	1406	3508	18067	709	2279	4848	34391
0300 WATERSHEDS RIVER BAS	152	40.7	80.0	584	240	67	0	125	0	0	1016	243	623	3147	87	242	757	6115
0400 AIR AND CLIMATE	134	44.1	115.0	705	16	11	0	82	0	0	814	206	2235	3240	126	155	461	7237
0500 RECREATION RESOURCES	125	34.0	68.5	348	291	0	0	0	0	0	639	225	496	2434	97	349	455	4695
0600 TIMBER FORST PRODUCT	1461	534.3	1299.7	2288	9096	2397	3104	162	0	215	17262	6399	5634	45925	1413	7806	7038	91476
0700 RANGE	281	112.5	231.5	1640	128	397	0	97	0	0	2262	207	3227	8552	1131	348	643	16369
0800 WILDLIFE AND FISH	754	251.9	866.9	1940	964	1675	159	1255	122	0	6114	818	8129	22503	1647	3096	7720	50027
0900 CITRUS SUB TROP FRUT	273	114.0	334.9	1213	0	651	69	74	0	0	2007	835	547	13936	154	1013	298	18790
1000 FRUIT NUTS DECIDUCUS	994	346.4	1231.9	8275	14	1907	4	346	0	35	10581	749	1014	40715	1802	4209	3460	62530
1100 POTATOES	331	94.2	330.7	2145	0	1248	252	45	0	0	3691	1021	701	9150	560	1362	975	17461
1200 VEGETABLES	1368	453.6	1476.3	9436	0	1858	674	2640	0	0	14608	809	3643	48121	1745	4044	2723	75692
1300 ORNAMENTALS TURF	558	206.6	602.6	4766	5	111	34	121	0	0	5037	214	317	23153	659	2924	1304	33607
1400 CORN	948	209.1	733.6	5477	0	379	1039	134	0	2	7032	906	3671	21377	1664	4693	1534	40876
1500 GRAIN SORGHUM	322	65.0	241.0	994	0	5	31	37	0	0	1067	205	2206	6167	979	596	1397	12617
1600 RICE	148	51.5	154.0	668	0	79	77	0	0	0	824	232	980	5534	369	1469	885	10292
1700 WHEAT	714	207.4	587.6	3292	0	994	341	79	0	0	4706	1048	3416	18233	1564	2842	1668	33477
1800 OTHER SMALL GRAINS	399	91.4	259.4	1829	0	116	765	85	0	0	2795	420	1472	8505	666	1834	579	16271
1900 PASTURE	130	27.9	121.4	989	5	95	0	58	0	0	1146	105	87	2905	326	99	117	4785
2000 FORAGE CROPS	874	230.0	721.4	6578	0	637	182	325	0	0	7722	1046	1249	24592	2244	1700	899	39452
2100 COTTON	336	104.3	361.3	2091	0	160	36	9	0	0	2295	296	320	11954	902	1524	965	18257
2200 COTTONSEED	8	1.0	3.3	17	0	0	0	0	0	0	17	4	0	140	6	34	7	207
2300 SOYBEANS	888	228.8	762.4	4842	0	751	849	1842	0	0	8284	667	929	22546	1444	4195	2643	40708
2400 PEANUTS	136	44.1	192.4	554	0	0	0	81	0	0	636	71	765	5408	213	428	645	8166
2500 OTHER OILSEED CROPS	128	30.9	85.9	481	0	108	0	111	0	0	701	346	328	2699	215	525	362	5177
2600 TOBACCO	152	55.2	209.6	1154	0	22	43	0	0	0	1219	34	173	9297	325	316	845	12208
2700 SUGAR CROPS	127	41.2	182.1	1124	0	113	30	56	0	0	1323	33	49	4464	275	611	85	6839
2800 MISC NEW CROPS	168	39.6	128.4	953	0	585	0	1	0	44	1582	152	915	3481	148	634	369	7282
2900 POULTRY	726	256.8	985.5	6483	0	587	880	586	544	0	9081	450	1455	33151	2559	2999	2405	52101
3000 BEEF CATTLE	1429	470.0	1900.9	10329	14	1781	2119	713	1452	0	16408	2795	8102	57640	19366	3690	3757	111757
3100 DAIRY CATTLE	1262	354.3	1547.4	9385	0	1140	866	665	1261	86	13404	1110	4422	45079	9705	6941	4506	85167
3200 SWINE	736	209.2	800.6	5371	0	876	1160	869	583	0	8859	768	1273	26455	6013	2378	3204	48949
3300 SHEEP AND WOOL	377	100.6	354.9	2011	0	306	565	114	307	0	3303	699	3020	10727	2192	587	879	21408
3400 OTHER ANIMALS	618	210.5	776.7	1775	0	278	574	2318	545	0	5489	113	11112	16145	2266	2290	4071	41486
3500 BEES AND HONEY	34	10.7	29.9	107	0	27	30	28	0	0	192	46	84	1324	192	83	39	1959
3600 FARM SUPP & FACILITS	88	29.6	94.9	621	1	10	18	0	0	0	650	208	219	2673	372	521	357	5001
3700 CLOTHING & TEXTILES	88	20.8	52.1	409	0	0	0	350	0	0	758	49	173	1686	59	72	31	2829
3800 FOOD	436	160.4	490.0	3875	0	481	317	732	0	159	5564	745	3524	14658	382	3238	1267	29379
3900 HOUSING & EQUIP	164	48.4	123.5	1053	82	22	0	217	0	0	1375	112	125	4210	190	344	374	6730
4000 PEOPLE AS INDIVIDUAL	562	169.3	531.7	2519	32	123	138	2246	0	0	5059	301	3531	12217	955	1464	1449	24976
4100 FAMILY MEMBERS	266	71.0	144.4	1346	0	17	0	799	0	0	2162	115	1079	4662	165	456	494	9133
4200 FARM AS BUSINESS	219	88.1	173.6	1705	0	55	0	453	0	0	2214	322	178	6262	315	206	538	10034
4300 SOC POLIT ORGANIZ	361	120.1	262.6	2819	45	300	0	998	0	180	4342	421	1940	7727	255	930	842	16458
4400 AGRIC ECONOMY U S	147	49.0	119.1	1038	0	207	0	14	0	0	1259	325	129	4740	180	226	596	7454
4500 AGRIC ECONOMY FORGN	34	27.5	45.2	113	0	91	0	0	0	0	205	122	3756	1159	48	398	547	6235
4600 FARM COOPERATIVES	28	6.7	13.8	98	0	0	0	0	0	0	98	82	14	565	37	30	27	853
4700 OTH MARKET PROCESS	34	5.3	15.6	86	0	0	0	95	0	0	181	14	31	332	9	44	11	622
4800 MARKETING SYSTEMS	90	30.0	71.0	586	0	68	0	234	0	0	887	156	107	2151	67	79	309	3756
6100 WEEDS	129	30.3	104.1	712	0	121	86	31	0	0	950	72	209	3389	89	744	355	5809
6200 SEED RESEARCH	60	27.2	92.0	290	0	0	5	0	0	52	347	46	240	1637	1676	151	898	4995
6300 BIO CELL SYSTEMS	300	120.9	475.6	1399	7	103	361	111	7	26	2014	287	9550	9951	536	1812	779	24930
6400 EXP DESIGN/STAT METH	110	42.6	88.7	313	4	2	8	37	0	0	364	863	731	3355	318	270	620	6521
6500 INVERTEBRATES	466	157.2	414.7	2246	136	101	2772	62	36	71	5423	487	3681	13505	384	1040	605	25126
6600 MICROORGANISMS VIRUS	537	151.1	539.8	2262	84	437	3851	0	53	156	6844	841	6928	13909	322	1940	1010	31795
6700 PLANTS	883	303.5	904.8	4131	12	1269	4940	155	0	26	10533	2409	9673	27392	1237	2919	2837	57000
6800 ANIMALS (VERTEBRATES)	518	235.6	727.2	2198	13	464	226	271	184	29	3385	523	16748	20278	1522	1738	2199	46393
6900 RESEARCH ON RSCH MGH	55	58.1	161.5	831	23	64	0	0	0	0	918	104	91	7787	235	427	75	9638
7000 RSCH EQUIP & TECHNOL	157	43.9	112.0	574	78	3	191	63	0	58	966	364	2577	3519	59	313	409	8208
9900 UNCLASSIFIED	2	0.0	13.0	19	0	0	0	0	0	0	19	0	354	268	0	1273	0	1914
TOTAL		7820.9	25177.9	140885	11852	24487	26866	20460	5094	1140	230784	36790	148082	778846	75386	93842	85072	1448801

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	TRS OTHER	MATH /REF	SCIN STEM	SP GT	COMP GT	EVMS ALLM	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	239	74.9	221.0	1304	39	36	52	0	0	0	1430	790	1382	7265	433	1159	1889	14348
102 SOIL PLNT WTR NUTRI	894	289.8	891.0	5319	643	515	177	616	0	0	7270	2099	5311	27713	2251	3211	3942	51797
103 MGMT OF SALINE SOILS	81	18.0	81.9	306	2	6	1	0	0	0	315	41	169	2921	88	392	57	3982
104 ALTERN USE OF LAND	153	33.9	77.2	582	24	381	0	37	0	0	1024	211	381	2674	69	90	704	5152
105 CONSERV USE OF WATER	339	97.5	270.6	1616	110	101	11	210	0	41	2090	488	1075	9011	564	1040	919	15188
106 DRAIN AND IRRIGATION	150	55.3	118.0	868	2	125	0	0	0	0	995	280	284	4552	193	167	2632	9104
107 WATERSHED PROT & FGM	168	51.6	136.0	824	264	269	0	41	0	0	1399	690	801	4335	353	455	974	9007
108 ECON LEG PROB OF WAT	72	21.0	45.3	273	0	0	0	0	0	0	273	130	374	1764	25	101	69	2738
109 WEATHER ADAPT & MOD	164	55.1	124.4	954	45	44	1	110	0	0	1154	330	2401	3761	136	140	477	8399
110 APPRAIS FORST & RANG	143	40.8	80.5	207	599	12	0	73	0	0	891	112	1599	2523	178	137	453	5893
111 BIOL CULT MGMT FORST	414	149.6	391.2	235	2958	107	675	57	0	0	4031	2478	1260	13345	737	2281	1641	25772
112 IMPROV RANGE RESOR	195	67.2	150.0	1079	94	245	0	24	0	0	1443	99	1221	6280	815	191	302	10351
113 REMOTE SENSING	77	16.9	58.7	177	117	4	0	71	0	0	369	67	749	1624	55	104	228	3197
114 RSCH ON MGMT OF RSCH	55	58.1	161.5	831	23	64	0	0	0	0	918	104	91	7787	235	427	75	9638
SUBTOTAL			2807.4		4921		916		0		23602		17098		6133		14364	
		1029.6		14576		1909		1239		41		7919		95556		9894		174568
SERIES 200																		
201 CNTRL FORST INSECTS	182	44.2	115.3	568	766	30	1163	0	0	71	2599	524	414	3630	163	137	339	7805
202 CONTROL FOREST DIS	140	34.2	74.1	462	664	4	239	0	0	0	1370	331	105	2764	31	279	290	5169
203 FOREST FIRE PROTECT	16	3.9	7.2	3	53	0	0	0	0	0	56	33	92	293	0	5	54	535
204 CNTR PESTS FRT & VEG	484	140.2	520.6	3058	0	1009	162	134	0	0	4363	391	1117	15746	590	1744	1108	25060
205 CNTR DISE FRT & VEG	735	237.9	788.0	4576	14	1755	128	110	0	156	6738	1307	1026	26279	860	2835	1579	40624
206 CNTR WEEDS FRT & VEG	172	37.0	123.8	917	0	142	0	198	0	0	1257	86	266	4360	177	516	178	6839
207 CNTR PESTS FLD CROPS	652	206.8	664.7	4691	0	1225	592	488	0	0	6996	973	1796	19366	956	2585	1534	34166
208 CNTR DIS FIELD CROPS	719	225.6	702.7	4746	0	1221	475	64	0	0	6505	764	1991	22970	695	3222	2694	38841
209 CNTR WEEDS FLD CROPS	339	115.2	377.7	2821	0	273	67	41	0	1	3203	603	587	11725	958	3118	1502	21695
210 CONTR PESTS ANIMALS	162	41.9	122.2	926	11	234	15	0	267	0	1453	129	282	3715	343	378	303	6602
211 CONTR DIS ANIMALS	1330	556.7	1740.2	4422	7	3564	2195	315	3301	29	13832	1892	15911	56858	7238	5346	8754	109831
212 CNTR INTER PARASITES	121	36.6	101.0	788	0	235	70	0	98	0	1191	57	247	3570	328	549	312	6253
213 PROT ANMLS FROM TOXI	142	81.0	229.1	583	0	109	131	19	334	0	1176	51	6039	4468	1569	680	1913	15896
214 PROTECT FROM POLLUTI	235	88.2	280.4	1211	255	670	85	226	37	0	2483	1257	6249	7060	210	838	1185	19282
SUBTOTAL			5847.0		1770		5321		4038		53224		36120		14118		21742	
		1849.3		29772		10472		1594		256		8398		182803		22192		338597
SERIES 300																		
301 GENET BREED FORST TR	115	45.1	107.3	168	750	2	292	42	0	0	1255	291	666	3830	44	1328	889	8303
302 IMP FOREST ENG SYS	53	19.4	40.6	38	267	528	205	0	0	213	1250	95	69	1529	33	122	210	3308
303 ECON TIMBER PRODUCTN	77	22.4	56.1	35	537	86	0	0	0	0	657	151	70	2862	56	177	209	4184
304 IMP BIO EFF FRT & VE	1027	353.2	1259.0	7313	0	1328	913	1671	0	35	11260	1200	1799	41662	2092	3284	2347	63644
305 MECH PRCD FRT & VEGS	92	22.2	64.4	774	0	5	0	0	0	0	779	31	84	3053	60	307	102	4416
306 PROD MGMT SYS F & V	120	23.2	80.1	464	0	261	0	64	0	0	789	37	86	2493	149	508	102	4163
307 IMP BIO EFF FLD CRP	1396	555.3	1937.0	11147	0	734	3030	1270	0	1	16182	2244	5932	62201	6695	8153	4884	106290
308 MECH PROD FIELD CROP	100	29.7	70.9	715	0	56	0	0	0	0	771	68	94	3232	103	270	234	4772
309 PROD MGMT SYS FLD CR	376	91.0	252.4	1935	0	180	1	56	0	0	2172	263	271	9380	1123	933	649	14792
310 ANIMAL REPRODUCTION	578	207.4	937.7	5669	0	388	1994	816	385	0	9252	1417	5276	27452	6648	2004	1230	53278
311 IMP BIO EFF ANML PR	1241	482.0	2384.0	14376	0	318	1452	3043	471	0	19661	1810	5824	68498	20708	6607	4951	128059
312 ENV STRESS IN ANMI P	196	56.7	201.1	1545	0	19	115	222	25	0	1926	24	1030	6273	1181	470	263	11166
313 PROD MGMT SYS ANMI P	294	64.6	288.8	1967	0	79	0	32	16	0	2094	110	33	9247	2800	337	769	15390
314 BEES OTH POLLTNG IN	34	10.7	29.9	107	0	27	30	28	0	0	192	46	84	1324	192	83	39	1959
315 IMP STRUC FARM SUPP	105	40.2	132.3	877	0	0	18	0	0	0	894	152	149	4121	433	464	406	6620
316 FARM BUSINESS MGMT	165	67.2	139.2	1314	0	55	0	370	0	0	1739	279	156	4646	279	134	410	7644
317 MECH/STRUCTS ANML PR	34	6.4	19.1	156	0	0	0	0	0	0	156	0	0	918	81	52	101	1309
318 NCN CON BIO TECH/EIN	1537	580.7	1995.7	6865	82	304	10306	111	7	220	17894	2135	30945	49822	2727	6314	3991	113828
SUBTOTAL			9995.5		1635		18355		903		88925		52567		45402		21785	
		2677.5		55466		4371		7726		469		10353		302545		31545		553123
SERIES 400																		
401 NEW IMP FOREST PRCD	223	107.7	249.5	155	1277	1521	884	0	0	2	3839	682	742	9026	171	2103	1723	18285
402 PROD F & V IMP ACCEP	279	54.2	183.5	948	0	435	0	282	0	0	1665	190	323	6678	283	689	436	10266
403 NEW & IMP F & V PROD	173	53.5	177.7	979	0	109	0	171	0	0	1259	43	199	5952	166	842	511	8971
404 MKT QUAL FRTS & VEGS	167	57.9	170.4	1467	0	155	0	47	0	0	1668	41	64	6246	177	773	421	9390
405 PROD FLD CROP IMP AC	270	99.3	361.6	1850	0	139	52	150	0	0	2191	658	2607	8750	615	1987	1501	18310
406 NEW IMP FOOD FLD CRO	120	41.9	140.4	863	0	0	0	128	0	0	991	85	784	3778	225	650	817	7329
407 NEW IMP NON FOOD FC	78	29.1	106.4	533	0	248	0	9	0	2	792	43	239	2731	263	363	370	4802
408 MKT QUAL FIELD CROPS	82	23.7	60.1	619	0	1	0	27	0	0	646	8	330	2344	38	359	107	3832
409 PROD ANML PR IMP ACC	157	44.1	171.8	1356	0	277	22	183	3	0	1841	217	283	5374	1221	829	463	10229
410 IMP MEAT MILK EGG PR	244	84.9	329.1	2168	0	1	90	270	5	0	2532	180	549	8143	1015	1727	1180	15327
411 IMP NON FOOD ANML PR	18	3.7	8.0	71	27	0	0	15	0	0	113	1	6	387	11	76	20	614
412 MKT QUAL ANIMAL PROD	85	20.3	62.5	561	0	0	0	27	0	29	616	3	55	2517	61	403	157	3811
SUBTOTAL			2020.9		1303		1048		7		18155		6182		4246		7705	
		620.2		11569		2886		1308		33		2150		61927		10800		111165
SERIES 500																		
501 IMP GRADES & STANDS	44	10.0	27.9	342	0	90	0	0	3	0	435	42	14	823	17	170	107	1609
502 MKTG TIMBER PRODUCTS	41	8.9	15.9	40	159	79	0	0	0	0	278	217	46	527	2	62	74	1206
503 MKTG EFF AGRI PRODS	149	42.7	83.3	914	0	139	0	9	0	0	1063	159	845	2861	94	337	300	5660
506 SPLY DEMAND AND PRIC	188	60.1	133.7	1495	0	174	0	28	0	0	1697	307	175	5042	197	195	421	8035
507 COMP REL IN AGRIC	47	11.3	26.4	302	0	58	0	21	0	0	381	73	5	818	45	45	61	1429
508 DOMESTIC MKT DEVELP	52	12.5	23.6	223	0	17	0	107	0	0	347	26	22	882	33	126	188	1623
509 PERFORMANCE MKTG SYS	151	50.8	117.1	1292	0	78	0	192	0	0	1562	399	122	4306	78	157	352	6977
510 GROUP ACT MKT POWER	23	5.5	11.9	67	0	22	0	27	0	0	116	78	14	482	22	22	26	759
511 IMP AGRIC STATISTICS	32	9.8	17.3	121	0	0	0	37	0	0	158	768	49	648	10	104	118	1855
512 IMP GRADES FRST PROD	16	2.8	8.6	3	26	0	30	0	0	0	58	46	11	348	37	42	13	555
513 PRICE ANAL FRST PROD	25	5.1	11.0	64	103	0	0	0	0	0	167	165	12	337	4	26	26	738
SUBTOTAL			476.7		288		30		3		6262		1316		540		1687	
		219.5		4862		657		422		0		2280		17074		1286		30445
		79.6		582		304		0		0		524		4187		697		18331
SERIES 600																		
601 FGN MKT DEVELP	75	35.2	65.4	417	13	142	0	0	0	0	573	304	2349	2265	29	139	978	6637
602 EVAL FGN FOOD AID PG	3	0.7	1.2	5	0	0	0	0	0	0	5	32	3	32	0	21	0	93
603 TECH AID DEV CRTY	55	34.3	77.7	74	0	152	0	0	0	0	226	138	7235	1266	64	475	774	10178
604 PRD DVLPMT/MKTG FRGN	28	9.3	20.0	85	35	10	0	0	0	0	130	50	174	625	16	63	366	1424
SUBTOTAL			164.3		48		0		0		934		9761		109		2118	

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT SYS	STAFF YRS OTHER	MATH /RRP	NCIE STEM	SP GT	COMP GT	EVNS ALLM	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	133	53.8	132.5	1108	0	1227	0	63	11	160	2569	802	1710	3500	100	311	311	9303
702 FOOD PROT FROM TOX	178	68.7	210.2	1673	0	54	49	143	19	0	1938	128	2832	6341	187	1356	509	13291
703 FOOD CONSUMP HABITS	122	35.0	65.3	717	0	50	0	498	0	0	1265	156	371	2049	80	296	129	4345
704 HOME CONS FOOD SERV	40	8.2	19.5	347	0	0	28	27	0	0	401	0	26	751	36	32	50	1296
705 SEL CARE CLOTH & TEX	73	16.2	39.5	261	0	0	0	350	0	0	610	22	35	1283	44	61	25	2081
706 CONTR INSECTS AFF HA	107	37.0	97.3	733	24	21	15	0	0	0	793	48	449	3696	91	350	279	5707
707 TRANS ANIML HAN DIS	38	15.1	99.3	58	0	0	0	73	0	0	131	103	682	744	301	420	408	2789
708 HUMAN NUTRITION	392	136.1	510.1	2640	3	90	945	1467	0	0	5144	580	5231	10816	632	2007	1073	25484
709 REDUCE HAZ HLTH & SF	66	10.3	28.0	232	0	5	0	0	0	0	237	9	336	1180	20	115	59	1957
SUBTOTAL			1201.6		27		1036		30		13089		11673		1491		2843	
		380.4		7768		1446		2620		160		1849		30361		4948		66254
SERIES 800																		
801 RURAL HOUSING	62	12.7	29.8	234	0	0	0	384	0	0	617	1	19	805	27	31	81	1581
802 INDIV & FAM DEC MAKI	201	49.0	91.4	682	0	17	0	634	0	0	1333	15	389	3186	145	217	231	5516
803 RURAL POVERTY	27	5.9	21.2	81	0	17	0	164	0	0	261	13	9	263	47	23	10	627
804 ECON POTENT RURL REG	85	23.3	48.4	334	37	21	0	1000	0	0	1392	1	66	1105	26	13	41	2644
805 COMMUNICAT EDUC PROC	106	35.4	80.8	288	22	7	0	342	0	92	751	49	284	3101	94	48	254	4582
806 ADJUSTMENT TO CHANGE	198	57.3	124.4	1343	0	17	0	639	0	0	1999	79	523	3572	140	494	355	7161
807 AGRIC ECONOMIC CHANG	164	51.9	107.5	1043	0	100	0	260	0	0	1403	134	99	4013	126	630	584	6989
808 GOVT PROGRAMS	56	18.7	49.0	498	0	46	0	0	0	0	544	50	84	1634	36	51	386	2785
SUBTOTAL			552.5		58		0		0		8302		1472		642		1941	
		254.3		4503		226		3423		92		341		17679		1508		31885
SERIES 900																		
901 ALLEV POLLUTION	456	153.7	442.1	2928	140	461	0	317	0	0	3847	1262	3089	13607	363	3274	1638	27080
902 OUTDOOR RECREATION	121	34.2	68.9	355	273	0	0	0	0	0	628	274	536	2325	82	228	424	4497
903 MULTI USE FOREST PDT	96	16.5	47.0	60	397	0	0	0	0	0	457	73	364	1334	85	133	303	2749
904 WLDLFE AND FISH ECOL	640	211.9	766.6	1487	898	1379	104	1181	111	0	5161	736	6888	19683	1374	2846	6961	43649
905 TREES BEAUTIFICATION	89	19.3	49.9	259	71	2	55	63	0	0	450	52	64	2045	79	267	52	3009
906 ORNAMENT & TURF DEV	529	194.5	568.3	4452	5	109	0	121	0	0	4687	206	300	22050	602	2712	1245	31801
907 RURAL INCOME IMP	104	35.8	67.8	924	15	86	0	105	0	0	1130	116	174	2293	29	141	158	4041
908 RURAL INSTITUT IMP	160	44.6	88.4	1308	0	180	0	339	0	89	1912	255	122	3109	90	97	106	5692
990 UNCLASSIFIED	2	0.0	13.0	19	0	0	0	0	0	0	19	0	354	268	0	1273	0	1914
SUBTOTAL			2112.0		1800		160		111		18290		11892		2705		10886	
		710.5		11787		2217		2127		89		2974		66714		10971		124432
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			25177.9		11852		26866		5094		230784		148082		75386		85072	
		7820.9		140885		24487		20460		1140		36790		778846		93842		1448801

TABLE IV-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /REF	SCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	180	48.8	189.0	1205	67	71	52	27	0	0	1421	394	670	3775	379	487	806	7934
0200 WATER	111	26.9	85.3	362	29	0	0	0	0	0	391	70	280	1446	153	225	969	3533
0300 WATERSHEDS RIVER BAS	26	5.9	11.9	167	28	6	0	0	0	0	200	2	102	517	0	43	192	1056
0400 AIR AND CLIMATE	23	9.2	20.5	161	12	0	0	0	0	0	173	50	266	729	67	29	93	1406
0500 RECREATION RESOURCES	20	4.8	5.2	36	56	0	0	0	0	0	92	25	53	334	12	3	73	592
0600 TIMBER FORST PRODUCT	289	104.4	196.3	1060	1593	84	354	63	0	0	3153	863	1041	6413	194	1813	1059	14536
0800 WILDLIFE AND FISH	156	47.7	191.6	493	290	16	54	186	12	0	1052	25	1487	2771	407	619	1665	8026
0900 CITRUS SUB TROP FRUT	5	0.1	2.1	13	0	0	0	0	0	0	13	0	0	27	3	1	18	63
1000 FRUIT NUTS DECIDUCUS	232	84.9	377.3	2577	14	350	0	0	0	35	2976	74	339	7374	820	851	845	13280
1100 POTATOES	96	26.6	143.2	963	0	307	52	0	0	0	1322	217	41	2053	371	355	303	4661
1200 VEGETABLES	237	72.1	318.3	2129	0	186	110	0	0	0	2424	90	372	6891	572	764	539	11652
1300 ORNAMENTALS TURF	111	34.9	98.4	882	5	0	34	0	0	0	921	9	32	3450	83	659	217	5371
1400 CORN	95	24.7	76.1	757	0	22	142	7	0	0	928	57	201	2147	221	208	77	3839
1500 GRAIN SORGHUM	4	0.9	1.2	6	0	0	0	0	0	0	6	2	0	46	9	4	2	69
1600 RICE	7	0.3	6.7	2	0	0	0	0	0	0	2	2	0	29	6	4	16	59
1700 WHEAT	25	5.0	13.1	134	0	0	0	0	0	0	134	0	16	556	45	32	22	805
1800 OTHER SMALL GRAINS	23	6.9	16.9	125	0	0	32	0	0	0	158	2	92	470	91	49	8	869
1900 PASTURE	11	2.4	11.5	286	0	0	0	0	0	0	286	40	1	179	32	1	12	552
2000 FORAGE CROPS	86	25.2	120.1	957	0	141	16	139	0	0	1253	27	180	2214	333	214	72	4293
2100 COTTON	2	0.0	0.0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	3
2200 COTTONSEED	1	0.0	0.1	0	0	0	0	0	0	0	0	0	0	2	0	3	0	6
2300 SOYBEANS	43	9.3	30.3	174	0	0	136	359	0	0	668	13	41	789	64	31	32	1639
2400 PEANUTS	1	0.0	0.1	0	0	0	0	0	0	0	0	0	0	2	0	3	0	6
2500 OTHER OILSEED CROPS	1	0.1	0.0	5	0	0	0	0	0	0	5	0	0	9	0	0	0	14
2600 TOBACCO	16	8.3	11.6	109	0	0	43	0	0	0	152	0	69	884	15	7	0	1127
2700 SUGAR CROPS	2	0.0	0.2	9	0	0	0	0	0	0	9	0	0	13	0	0	0	23
2800 MISC NEW CROPS	6	0.3	2.8	35	0	0	0	0	0	0	35	0	0	43	8	0	20	106
2900 POULTRY	143	49.4	228.4	1789	0	56	69	34	53	0	2000	56	503	6531	531	638	875	11134
3000 BEEF CATTLE	93	17.2	82.8	604	0	30	303	0	79	0	1016	79	336	2159	416	83	274	4364
3100 DAIRY CATTLE	235	60.8	410.9	2434	0	297	230	0	220	57	3238	128	935	7148	1309	1046	2040	15844
3200 SWINE	53	14.7	70.6	231	0	40	175	0	100	0	546	45	93	1358	189	106	306	2643
3300 SHEEP AND WOOL	43	8.7	54.0	207	0	36	0	0	74	0	317	24	323	1106	171	76	124	2141
3400 OTHER ANIMALS	150	51.9	291.7	222	0	31	155	0	31	0	439	13	3300	2925	1200	503	2243	10623
3500 BEES AND HONEY	6	2.7	14.0	35	0	0	0	0	0	0	35	0	45	118	53	0	18	269
3600 FARM SUPP & FACILITS	16	5.5	39.9	124	0	4	0	0	0	0	128	0	80	467	84	166	7	932
3700 CLOTHING & TEXTILES	14	1.5	14.9	75	0	0	0	26	0	0	101	0	6	135	57	44	0	343
3800 FOOD	100	34.1	134.3	1097	0	10	51	25	0	0	1183	4	551	2688	207	400	640	5674
3900 HOUSING & EQUIP	28	7.9	34.9	243	11	0	0	26	0	0	280	1	28	793	45	58	143	1350
4000 PEOPLE AS INDIVIDUAL	155	61.9	304.7	854	22	53	4	139	0	0	1071	186	1590	3383	834	538	1133	8735
4100 FAMILY MEMBERS	33	12.3	24.2	295	0	0	0	77	0	0	372	0	53	498	123	75	143	1265
4200 FARM AS BUSINESS	21	8.9	19.3	259	0	0	0	0	0	0	259	8	2	573	23	2	20	887
4300 SOC POLIT ORGANIZ	81	28.3	82.1	910	7	59	0	51	0	89	1115	39	189	1645	90	602	235	3915
4400 AGRIC ECONOMY U S	17	4.6	17.7	154	0	0	0	0	0	0	154	4	1	452	15	6	48	679
4500 AGRIC ECONOMY FORGN	5	10.3	10.1	0	0	0	0	0	0	0	0	2	1449	197	26	265	48	1987
4600 FARM COOPERATIVES	2	0.4	1.1	3	0	0	0	0	0	0	3	13	0	8	5	1	24	55
4700 OTH MARKET PROCESS	2	0.4	4.8	0	0	0	0	0	0	0	0	0	0	15	1	32	0	48
4800 MARKETING SYSTEMS	11	1.9	6.6	70	0	0	0	0	0	0	70	0	0	140	2	9	43	265
6100 WEEDS	6	0.6	1.0	9	0	0	0	0	0	0	9	0	2	54	4	0	0	70
6200 SEED RESEARCH	10	4.8	20.4	27	0	0	0	0	0	0	27	2	0	281	44	23	219	596
6300 BIO CELL SYSTEMS	69	30.3	163.3	327	0	0	155	0	0	0	482	0	1516	1656	345	412	333	4745
6400 EXP DESIGN/STAT METH	29	7.1	31.6	101	4	0	8	0	0	0	113	27	37	499	108	7	378	1169
6500 INVERTEBRATES	122	35.0	115.5	654	109	23	1006	0	14	71	1876	116	846	1908	257	305	118	5424
6600 MICROORGANISMS VIRUS	109	29.7	138.8	494	56	0	854	0	6	0	1410	129	1489	1616	169	352	263	5428
6700 PLANTS	121	45.0	182.7	986	0	442	559	49	0	0	2035	160	534	2201	435	300	591	6256
6800 ANIMALS(VERTEBRATES)	102	33.9	142.7	446	10	190	37	0	0	0	683	187	2321	1576	371	97	349	5584
6900 RESEARCH ON RSCH EQH	6	0.7	7.7	26	23	0	0	0	0	0	50	0	1	127	13	8	38	237
7000 RSCH EQUIP & TECHNOL	33	13.1	25.0	153	17	0	0	0	0	0	170	33	429	800	27	9	98	1566
TOTAL		1133.4	4605.8	25474	2353	2453	4629	1207	590	251	36958	3216	21944	86221	11039	12573	17793	189744

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS SYS	OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVMS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	32	10.9	49.8	311	0	0	52	0	0	0	363	214	101	836	168	141	114	1936
102 SOIL PLNT WTR NUTRI	91	23.4	110.8	591	108	0	0	27	0	0	725	201	416	2092	280	299	675	4688
103 MGMT OF SALINE SOILS	1	0.4	1.4	26	0	0	0	0	0	0	26	0	0	47	0	0	0	72
104 ALTERN USE OF LAND	22	5.0	15.3	144	14	71	0	0	0	0	229	11	2	412	10	1	92	756
105 CONSERV USE OF WATER	15	4.2	4.5	59	46	0	0	0	0	0	105	3	30	336	11	16	51	551
106 DRAIN AND IRRIGATION	7	1.0	8.2	5	2	0	0	0	0	0	8	0	1	190	14	1	29	242
107 WATERSHED PROT & MGM	18	5.2	13.5	84	10	0	0	0	0	0	95	4	104	379	11	16	134	744
108 ECON LEG PROB OF WAT	7	1.2	5.5	16	0	0	0	0	0	0	16	28	12	120	13	0	4	192
109 WEATHER ADAPT & MCD	22	5.6	10.3	129	5	0	0	0	0	0	135	50	109	337	46	14	45	735
110 APPRAIS FORST & RANG	22	5.8	8.2	72	101	0	0	0	0	0	173	2	62	198	6	28	60	528
111 BIOL CULT MGMT FOEST	63	19.2	47.5	78	370	0	105	0	0	0	553	206	198	1074	86	363	214	2693
113 REMOTE SENSING	14	3.0	6.7	53	11	0	0	0	0	0	64	34	82	284	9	0	15	489
114 RSCH ON MGMT OF RSCH	6	0.7	7.7	26	23	0	0	0	0	0	50	0	1	127	13	8	38	237
SUBTOTAL			289.6		691		156		0		2539		1118		664		1472	
		85.7		1594		71		27		0		750		6432		887		13864
SERIES 200																		
201 CNTRL FORST INSECTS	61	17.1	35.7	282	222	0	589	0	0	71	1163	190	193	1327	81	79	63	3096
202 CONTROL FOREST DIS	32	9.2	22.1	280	233	0	99	0	0	0	612	71	1	611	15	20	62	1391
204 CNTR PESTS FRT & VEG	117	32.9	181.3	861	0	211	32	0	0	0	1105	21	635	2757	401	419	192	5529
205 CNTR DISE FRT & VEG	139	44.2	192.2	1137	14	139	18	0	0	0	1308	214	93	3612	441	545	496	6709
206 CNTR WEEDS FRT & VEG	27	6.6	19.4	219	0	1	0	0	0	0	220	7	3	637	102	81	37	1088
207 CNTR PESTS FLD CRCPS	57	13.0	48.6	327	0	130	174	127	0	0	757	28	130	839	116	71	30	1972
208 CNTR DIS FIELD CRCPS	49	10.5	31.8	372	0	24	4	0	0	0	400	17	5	1166	96	151	28	1864
209 CNTR WEEDS FLD CROPS	18	6.5	15.9	172	0	7	0	0	0	0	180	26	1	515	39	54	15	829
210 CONTR PESTS ANIMALS	18	6.7	18.2	109	0	0	0	0	14	0	123	30	3	400	127	28	36	748
211 CONTR DIS ANIMALS	212	70.2	400.1	1016	0	375	334	0	400	29	2154	116	1947	7375	1423	920	2813	16748
212 CNTR INTER PARASITES	10	5.3	21.6	108	0	0	0	0	10	0	118	0	83	219	14	52	35	521
213 PROT ANMLS FROM TCXI	16	8.8	36.4	72	0	0	29	0	2	0	103	2	301	350	86	14	882	1737
214 PROTECT FROM POLLUTI	56	21.8	54.0	442	161	344	0	40	0	0	987	340	547	1341	63	211	425	3914
SUBTOTAL			1077.4		630		1278		426		9229		3943		3004		5114	
		252.6		5397		1232		166		99		1062		21150		2644		46147
SERIES 300																		
301 GENET BREED FORST TR	22	7.6	18.2	116	162	0	66	0	0	0	344	155	133	557	4	174	77	1446
302 IMP FOREST ENG SYS	4	1.5	2.2	0	61	0	0	0	0	0	61	0	0	134	0	30	58	282
303 ECON TIMBER PRODUCTN	13	1.4	1.7	26	37	0	0	0	0	0	63	6	0	86	0	0	2	158
304 IMP BIO EFF FRT & VE	184	61.3	293.7	1827	0	151	122	0	0	35	2134	64	93	6012	544	632	684	10163
305 MECH PROD FRT & VEGS	9	3.2	11.6	326	0	0	0	0	0	0	326	0	0	375	9	6	2	718
306 PROD MGMT SYS F & V	21	5.2	25.9	98	0	12	0	0	0	0	110	20	3	409	45	68	41	696
307 IMP BIO EFF FLD CRP	108	37.7	127.0	985	0	5	322	112	0	0	1424	6	457	3412	434	284	123	6141
308 MECH PROD FIELD CROP	4	2.6	3.3	37	0	0	0	0	0	0	37	0	0	222	0	1	1	261
309 PROD MGMT SYS FLD CR	16	6.5	16.5	416	0	0	0	0	0	0	416	1	0	532	31	51	0	1030
310 ANIMAL REPRODUCTION	86	32.4	191.8	932	0	14	274	0	32	0	1251	4	1578	3392	962	163	378	7728
311 IMP BIO EFF ANML PR	192	61.6	326.9	2102	0	0	221	20	119	0	2462	86	2650	6935	1076	881	771	14861
312 ENV STRESS IN ANMI P	16	4.2	16.6	160	0	0	77	0	0	0	237	5	83	510	22	12	10	880
313 PROD MGMT SYS ANMI P	25	8.0	79.9	441	0	0	0	13	0	0	454	47	4	955	216	34	477	2187
314 BEES OTH POLLNTNG IN	6	2.7	14.0	35	0	0	0	0	0	0	35	0	45	118	53	0	18	269
315 IMP STRUC FARM SUPP	26	11.3	65.1	299	0	0	0	0	0	0	299	1	108	1016	97	210	49	1781
316 FARM BUSINESS MGMT	15	6.4	15.5	196	0	0	0	0	0	0	196	7	2	366	18	2	14	605
317 MECH/STRUCTS ANML PR	2	0.5	0.3	22	0	0	0	0	0	0	22	0	0	39	0	0	0	62
318 NON COM BIO TECH/EIM	344	121.9	587.7	1593	19	2	1760	0	0	0	3374	85	5158	6261	1236	812	1558	18484
SUBTOTAL			1798.0		279		2840		150		13245		10315		4747		4262	
		376.1		9611		184		146		35		491		31331		3360		67751
SERIES 400																		
401 NEW IMP FOREST PRCD	36	27.0	31.2	58	235	83	80	0	0	0	456	15	186	1453	51	766	227	3154
402 PROD F & V IMP ACCEP	34	7.9	24.8	133	0	101	0	0	0	0	234	8	19	692	62	132	119	1267
403 NEW & IMP F & V PROD	28	9.9	37.3	176	0	0	0	0	0	0	176	0	0	975	63	80	116	1411
404 MKT QUAL FRTS & VEGS	43	16.2	70.7	669	0	9	0	0	0	0	678	0	0	1346	145	188	165	2521
405 PROD FLD CROP IMP AC	18	4.5	26.6	136	0	0	0	150	0	0	286	75	0	369	21	12	35	799
406 NEW IMP FOOD FLD CRO	11	4.7	16.6	103	0	0	0	0	0	0	103	0	44	282	33	23	188	673
407 NEW IMP NON FOOD PC	3	0.5	10.9	38	0	0	0	0	0	0	38	0	4	139	29	11	0	223
408 MKT QUAL FIELD CRCPS	1	0.1	0.0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7
409 PROD ANML PR IMP ACC	20	6.9	23.3	98	0	7	16	0	1	0	121	17	1	503	40	236	126	1045
410 IMP MEAT MILK EGG PR	42	14.4	87.4	398	0	0	0	0	0	0	398	0	147	1085	94	241	580	2546
411 IMP NON FOOD ANML PR	2	1.0	1.6	26	0	0	0	0	0	0	26	0	0	110	1	18	2	158
412 MKT QUAL ANIMAL PROD	13	3.1	9.3	89	0	0	0	27	0	29	144	3	14	298	1	104	12	575
SUBTOTAL			339.7		235		96		1		2661		416		541		1570	
		96.2		1923		200		177		29		119		7259		1812		14377
SERIES 500																		
501 IMP GRADES & STANDS	5	0.8	0.4	5	0	0	0	0	0	0	5	0	0	48	1	1	4	60
502 MKTG TIMBER PRODUCTS	5	1.1	0.2	28	4	0	0	0	0	0	33	0	0	35	0	1	1	70
503 MKTG EFF AGRI PROIS	12	2.0	9.2	128	0	0	0	0	0	0	128	7	0	179	2	6	67	390
506 SPLY DEMAND AND PRIC	27	7.3	19.8	265	0	0	0	0	0	0	265	5	30	573	16	33	88	1010
507 COMP REL IN AGRIC	4	0.8	2.5	16	0	0	0	0	0	0	16	31	0	77	2	0	0	126
508 DOMESTIC MKT DEVELP	6	3.1	5.1	66	0	17	0	0	0	0	83	5	0	99	4	78	71	339
509 PERFORMANCE MKTG SYS	23	6.3	23.6	244	0	0	0	0	0	0	244	0	0	328	17	57	58	705
510 GROUP ACT MKT POWER	2	0.5	1.2	6	0	0	0	0	0	0	6	13	0	12	5	1	24	62
511 IMP AGRIC STATISTICS	7	0.8	1.2	33	0	0	0	0	0	0	33	7	0	43	7	0	43	134
512 IMP GRADES FRST PROD	2	0.5	1.9	0	0	0	30	0	0	0	30	0	6	73	0	0	0	109
513 PRICE ANAL FRST PROD	8	1.9	3.1	64	26	0	0	0	0	0	90	7	0	83	0	15	5	200
SUBTOTAL			68.2		30		30		0		934		37		54		363	
		25.2		857		17		0		0		76		1551		192		3206
SERIES 600																		
601 FGN MKT DEVELP	5	0.4	2.2	20	0	19	0	0	0	0	38	0	1	24	4	0	0	68
603 TECH AID DEV CRTY	10	14.0	29.1	31	0	0	0	0	0	0	31	21	1449	379	34	292	656	2861
604 PRD DVLPMT/MKTG FGN	1	0.2	0.7	24	0	0	0	0	0	0	24	0	0	27	5	0	0	56
SUBTOTAL			32.0		0		0		0		93		1450		43		656	
		14.6		75		19		0		0		21		429		292		2985

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /RSRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	31	17.6	46.3	634	0	514	0	0	0	0	1148	187	87	954	44	37	117	2573
702 FOOD PROT FROM TOX	23	5.8	16.4	265	0	4	0	66	0	0	335	0	44	460	4	144	38	1024
703 FOOD CONSUMP HABITS	16	4.8	14.6	205	0	49	0	32	0	0	286	4	72	222	54	0	5	643
704 HOME COMM FOOD SERV	7	2.4	3.3	83	0	0	28	0	0	0	111	0	16	171	6	14	4	323
705 SEL CARE CLOTH & TEX	9	0.7	8.5	46	0	0	0	26	0	0	72	0	4	62	43	44	0	225
706 CONTR INSECTS AFF HA	27	9.1	26.2	256	0	0	0	0	0	0	256	0	102	663	46	13	151	1230
707 TRANS ANIML HAN DIS	12	11.1	84.7	22	0	0	0	0	0	0	22	99	452	333	300	246	403	1855
708 HUMAN NUTRITION	86	32.6	190.6	718	3	90	165	37	0	0	1014	239	1432	1860	525	328	570	5969
709 REDUCE HAZ HLTH & SF	11	1.4	5.9	23	0	0	0	0	0	0	23	0	6	213	4	92	5	342
SUBTOTAL		85.6	396.6	2252	3	657	193	161	0	0	3266	528	2215	4938	1025	918	1293	14184
SERIES 800																		
801 RURAL HOUSING	11	1.5	8.6	27	0	0	0	26	0	0	53	0	18	123	13	2	16	228
802 INDIV & FAM DEC MAKI	41	14.5	35.8	93	0	0	0	0	0	0	93	0	97	612	128	0	167	1097
803 RURAL POVERTY	5	2.3	13.9	18	0	0	0	51	0	0	69	0	0	71	44	0	8	192
804 ECON POTENT RURL REG	13	6.1	6.5	109	0	21	0	139	0	0	269	0	0	168	3	5	10	456
805 COMMUNICAT EDUC PROC	38	10.9	41.1	144	22	0	0	57	0	0	223	46	111	642	75	17	128	1243
806 ADJUSTMENT TO CHANGE	16	6.6	27.2	219	0	0	0	0	0	0	219	0	46	355	34	71	23	747
807 AGRIC ECONOMIC CHANG	15	4.4	20.9	82	0	0	0	0	0	0	82	1	9	378	30	500	11	1011
808 GOVT PROGRAMS	4	2.4	2.9	78	0	0	0	0	0	0	78	0	32	194	0	0	0	305
SUBTOTAL		48.7	157.0	770	22	21	0	274	0	0	1086	47	312	2544	327	594	364	5276
SERIES 900																		
901 ALLEV POLLUTION	125	48.4	108.9	857	41	14	0	33	0	0	945	15	692	2877	122	532	753	5936
902 OUTDOOR RECREATION	20	4.2	5.8	26	46	0	0	0	0	0	72	25	61	290	11	3	95	557
903 MULTI USE FOREST POT	15	2.1	5.4	7	117	0	0	0	0	0	125	0	43	136	0	0	21	325
904 WLDLFE AND FISH ECOL	126	34.5	169.8	367	247	0	0	159	12	0	786	25	1236	2284	344	560	1461	6695
905 TREES BEAUTIFICATION	14	3.3	12.6	34	5	0	34	63	0	0	137	10	3	314	33	22	13	531
906 ORNAMENT & TURF DEV	106	33.9	96.4	846	5	0	0	0	0	0	851	9	19	3340	77	659	216	5171
907 RURAL INCOME IMP	25	8.4	15.3	339	3	21	0	0	0	0	363	0	18	485	6	62	74	1009
908 RURAL INSTITUT IMP	43	13.7	33.1	519	0	18	0	0	0	89	625	39	68	861	39	34	66	1731
SUBTOTAL		148.6	447.3	2996	465	52	34	256	12	89	3904	122	2138	10586	633	1873	2698	21954
SCIENCE IN SERV OF MAN GRAND TOTAL		1133.4	4605.8	25474	2353	2453	4629	1207	590	251	36958	3216	21944	86221	11039	12573	17793	189744

TABLE IV-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE — IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	MATH /RRP	SCIN STEM	SP GT	COMP GT	EVNS ALLN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	341	98.6	345.1	1887	133	44	0	355	0	0	2418	671	1926	10548	614	830	2743	19750
0200 WATER	209	56.7	180.2	942	54	70	0	153	0	0	1220	227	791	6469	202	824	730	10462
0300 WATERSHEDS RIVER BAS	44	12.1	32.3	183	74	27	0	125	0	0	408	119	66	1105	70	121	418	2307
0400 AIR AND CLIMATE	23	3.7	9.1	89	0	0	0	82	0	0	171	61	7	278	4	25	16	562
0500 RECREATION RESOURCES	24	7.4	26.1	46	26	0	0	0	0	0	73	137	104	544	81	119	99	1156
0600 TIMBER FORST PRODUCT	413	168.3	475.1	329	3570	791	635	99	0	0	5424	3041	1443	15953	386	3145	2836	32228
0700 RANGE	51	19.2	75.5	655	2	51	0	0	0	0	708	21	123	1976	614	99	15	3556
0800 WILDLIFE AND FISH	283	114.8	434.2	852	356	1260	104	1069	74	0	3716	370	2819	10439	1149	1421	3150	23064
0900 CITRUS SUB TROP FRUT	145	76.1	220.2	817	0	320	68	49	0	0	1253	680	433	8070	128	580	123	11266
1000 FRUIT NUTS DECIDUCUS	326	104.2	398.3	2861	0	558	0	322	0	0	3740	118	170	14337	515	502	374	19757
1100 POTATOES	41	10.0	34.4	160	0	0	0	45	0	0	205	19	413	1540	15	39	40	2271
1200 VEGETABLES	528	200.5	653.3	3617	0	833	142	2368	0	0	6960	197	858	21511	707	1128	869	32229
1300 ORNAMENTALS TURF	222	96.4	296.8	2283	0	90	0	121	0	0	2494	127	21	11437	368	1045	276	15769
1400 CORN	292	56.0	193.7	1261	0	25	107	127	0	0	1520	310	1203	7046	330	541	478	11427
1500 GRAIN SORGHUM	179	35.7	144.4	507	0	5	31	37	0	0	579	95	826	3994	569	388	1078	7529
1600 RICE	109	41.9	113.8	609	0	69	0	0	0	0	679	192	892	4115	355	1087	831	8150
1700 WHEAT	211	52.1	162.2	1069	0	0	36	79	0	0	1184	78	306	5461	221	585	242	8078
1800 OTHER SMALL GRAINS	69	11.7	36.5	215	0	4	43	85	0	0	346	28	220	1358	29	93	46	2121
1900 PASTURE	77	20.6	90.4	542	0	71	0	58	0	0	671	32	72	2247	246	50	69	3387
2000 FORAGE CROPS	333	100.3	313.5	2611	0	301	55	186	0	0	3153	267	241	11856	1042	535	306	17400
2100 COTTON	253	78.1	289.0	1554	0	156	36	9	0	0	1755	178	250	8758	870	1173	881	13867
2200 COTTONSEED	4	0.1	1.2	2	0	0	0	0	0	0	2	4	0	36	5	28	0	73
2300 SOYBEANS	454	126.6	412.6	2701	0	367	239	1351	0	0	4659	309	351	12902	590	1327	1682	21819
2400 PEANUTS	126	42.1	190.3	532	0	0	0	81	0	0	613	71	764	5254	211	415	643	7973
2500 OTHER OILSEED CROPS	14	2.5	12.6	32	0	0	0	111	0	0	143	11	7	250	6	88	17	522
2600 TOBACCO	131	45.6	191.6	1022	0	22	0	0	0	0	1044	11	30	8256	308	288	843	10780
2700 SUGAR CROPS	67	30.1	151.2	929	0	52	30	56	0	0	1067	17	21	3220	219	474	9	5027
2800 MISC NEW CROPS	50	10.6	61.5	365	0	153	0	1	0	0	519	2	126	1267	83	112	25	2132
2900 POULTRY	282	114.1	422.6	2397	0	258	145	587	228	0	3574	54	423	15807	1065	999	944	22866
3000 BEEF CATTLE	567	171.1	756.4	3919	0	811	556	576	485	0	6348	497	1030	29654	4963	1401	676	44568
3100 DAIRY CATTLE	385	115.6	473.5	2871	0	248	149	665	265	0	4199	311	545	18420	3271	1197	1105	29047
3200 SWINE	229	73.7	273.1	1793	0	136	225	760	82	0	2995	75	560	10619	913	549	411	16121
3300 SHEEP AND WOOL	93	18.1	74.6	414	0	156	153	0	35	0	757	27	357	2521	325	199	100	4285
3400 OTHER ANIMALS	201	88.4	241.5	803	0	215	177	2143	276	0	3614	63	1181	8786	348	583	669	15244
3500 BEES AND HONEY	8	1.6	4.6	5	0	21	30	28	0	0	84	2	33	292	137	26	0	574
3600 FARM SUPP & FACILITS	32	10.0	20.7	147	1	7	18	0	0	0	173	74	29	955	29	213	57	1529
3700 CLOTHING & TEXTILES	33	8.2	14.1	171	0	0	0	308	0	0	479	35	138	548	2	3	19	1223
3800 FOOD	84	33.7	95.8	765	0	8	68	638	0	58	1535	10	419	2869	48	253	106	5239
3900 HOUSING & EQUIP	64	19.8	55.0	561	23	22	0	176	0	0	783	48	28	1933	57	33	98	2981
4000 PEOPLE AS INDIVIDUAL	132	42.1	101.7	784	0	21	0	1913	0	0	2719	34	393	2030	67	258	144	5646
4100 FAMILY MEMBERS	56	16.8	36.9	226	0	0	0	701	0	0	928	64	126	785	8	164	2	2077
4200 FARM AS BUSINESS	86	41.8	80.3	626	0	55	0	450	0	0	1131	70	59	2937	120	58	33	4408
4300 SOC POLIT ORGANIZ	96	36.1	72.2	784	0	96	0	947	0	0	1827	45	35	1917	51	150	49	4073
4400 AGRIC ECONOMY U S	40	17.5	37.9	292	0	6	0	11	0	0	309	82	39	1706	99	34	45	2313
4500 AGRIC ECONOMY FORGN	3	0.8	1.6	6	0	0	0	0	0	0	6	1	0	90	0	0	0	98
4600 FARM COOPERATIVES	8	1.2	1.1	29	0	0	0	0	0	0	29	1	0	79	1	0	1	111
4700 OTH MARKET PROCESS	14	2.3	5.0	39	0	0	0	91	0	0	130	13	0	96	2	0	7	247
4800 MARKETING SYSTEMS	31	13.2	28.9	191	0	10	0	234	0	0	435	100	27	772	15	7	181	1538
6100 WEEDS	51	11.3	46.1	205	0	50	55	31	0	0	341	63	90	1415	23	326	101	2359
6200 SEED RESEARCH	14	4.4	7.8	81	0	0	0	0	0	0	81	0	0	357	17	18	31	504
6300 BIO CELL SYSTEMS	70	30.0	100.1	384	0	17	65	111	0	0	577	48	1399	2849	81	281	181	5416
6400 EXP DESIGN/STAT METH	31	11.5	18.6	48	0	2	0	37	0	0	87	114	294	890	3	44	116	1547
6500 INVERTEBRATES	125	39.4	100.9	757	0	73	605	62	0	0	1497	110	597	3438	69	144	259	6113
6600 MICRQORGANISMS VIRUS	127	36.8	121.5	635	24	129	524	0	0	0	1312	284	1081	3926	39	566	460	7669
6700 PLANTS	210	57.0	205.8	803	12	104	803	106	0	0	1829	1138	1571	7000	233	774	1207	13751
6800 ANIMALS(VERTEBRATES)	90	44.2	96.0	365	2	87	64	239	42	0	800	146	1393	3929	251	481	538	7537
6900 RESEARCH ON RSCH MGM	15	3.7	10.9	117	0	37	0	0	0	0	154	66	41	372	1	8	23	667
7000 RSCH EQUIP & TECHNOL	38	8.6	21.9	148	25	3	33	63	0	58	329	43	342	894	2	69	142	1822
TOTAL		2694.9	9072.3	49039	4304	7840	5195	17807	1486	116	85786	11011	26711	308111	22174	25898	26544	506234

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS SYS	OTHER	HATH /REF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	68	22.0	76.8	465	18	0	0	0	0	0	483	125	472	2590	60	135	1134	5000
102 SOIL PLNT WTR NUTRI	306	101.8	350.6	1843	171	51	72	569	0	0	2708	656	928	10715	764	1052	1688	18512
103 MGMT OF SALINE SOILS	23	4.3	27.6	85	2	0	0	0	0	0	87	0	31	674	65	38	45	941
104 ALTERN USE OF LAND	30	4.9	17.3	108	0	0	0	37	0	0	145	10	37	498	14	3	388	1095
105 CONSERV USE OF WATER	112	38.3	129.9	607	7	62	0	210	0	0	886	135	316	3832	276	492	276	6214
106 DRAIN AND IRRIGATION	49	15.8	48.0	328	0	91	0	0	0	0	420	24	81	1622	40	70	105	2362
107 WATERSHED PROT & EGN	58	18.1	58.5	311	92	0	0	41	0	0	444	328	155	1852	177	264	379	3598
108 ECON LEG PROB OF WAT	17	3.6	7.3	81	0	0	0	0	0	0	81	8	39	312	3	24	6	473
109 WEATHER ADAPT & MCD	43	12.7	27.2	219	0	0	0	110	0	0	329	213	169	1133	22	67	98	2030
110 APPRAIS FORST & RANG	38	7.5	17.3	41	174	12	0	0	0	0	227	71	53	557	77	31	80	1097
111 BIOL CULT MGMT FORST	133	49.9	140.8	84	1199	84	186	57	0	0	1609	1111	324	4822	165	1082	441	9552
112 IMPROV RANGE RESOR	37	13.1	53.7	448	0	15	0	0	0	0	462	1	103	1414	400	13	15	2408
113 REMOTE SENSING	13	4.2	10.1	15	55	0	0	71	0	0	140	0	202	308	23	30	62	764
114 RSCH ON MGMT OF RSCH	15	3.7	10.9	117	0	37	0	0	0	0	154	66	41	372	1	8	23	667
SUBTOTAL			975.8		1717		258		0		8175		2949		2088		4741	
		300.0		4752		353		1095		0		2749		30702		3310		54713
SERIES 200																		
201 CNTRL FORST INSECTS	49	13.6	33.0	42	362	27	256	0	0	0	687	219	47	940	65	6	79	2043
202 CONTROL FOREST DIS	34	8.4	15.4	64	185	0	0	0	0	0	249	85	12	703	11	173	58	1292
203 FOREST FIRE PROTECT	1	0.4	0.3	0	0	0	0	0	0	0	0	0	0	25	0	0	1	25
204 CNTR PESTS FRT & VEG	138	43.1	148.1	840	0	214	0	134	0	0	1188	63	147	4861	107	435	238	7039
205 CNTR DISE FRT & VEG	239	79.9	269.4	1182	0	561	0	110	0	0	1853	264	402	9763	213	427	251	13173
206 CNTR WEEDS FRT & VEG	67	14.2	48.0	280	0	47	0	198	0	0	525	37	12	1523	37	82	49	2264
207 CNTR PESTS FLD CRCPS	302	100.1	361.3	2373	0	428	176	361	0	0	3340	382	597	10390	434	920	1023	17085
208 CNTR DIS FIELD CROPS	328	110.0	380.5	2014	0	340	148	64	0	0	2565	350	762	12014	393	1209	1825	19119
209 CNTR WEEDS FLD CRCPS	144	50.9	194.5	1518	0	112	1	41	0	0	1673	48	135	6104	535	1651	822	10970
210 CONTR PESTS ANIMALS	71	22.1	66.0	447	2	204	0	0	134	0	788	25	230	2159	87	165	179	3633
211 CONTR DIS ANIMALS	352	164.0	437.9	1101	0	1095	397	315	805	0	3712	635	2273	22746	1440	1487	992	33285
212 CNTR INTER PARASITES	53	17.4	51.1	248	0	154	7	0	46	0	455	33	161	2389	257	277	159	3731
213 PROT ANMLS FROM TCXI	52	22.5	73.1	218	0	19	102	19	146	0	503	3	487	2216	145	238	376	3969
214 PROTECT FROM POLLUTI	69	25.5	68.7	251	54	61	29	186	30	0	610	471	1131	2279	108	177	431	5207
SUBTOTAL			2147.4		603		1116		1161		18147		6397		3832		6485	
		672.2		10577		3262		1428		0		2617		78111		7247		122836
SERIES 300																		
301 GENET BREED FORST TR	33	19.7	44.4	14	273	0	0	42	0	0	329	68	281	1381	20	778	499	3356
302 IMP FOREST ENG SYS	22	6.6	20.3	18	133	194	10	0	0	0	356	72	19	656	29	89	77	1297
303 ECON TIMBER PRODUCTN	40	11.3	35.5	4	345	0	0	0	0	0	350	98	15	1848	17	138	175	2640
304 IMP BIO EFF FRT & VE	382	149.8	555.7	2942	0	355	206	1468	0	0	4971	513	457	18681	682	917	441	26662
305 MECH PROD FRT & VEGS	54	11.6	34.0	323	0	0	0	0	0	0	323	12	52	1722	48	134	36	2327
306 PROD MGMT SYS F & V	47	8.2	22.4	203	0	107	0	64	0	0	374	11	19	855	49	40	19	1367
307 IMP BIO EFF FLD CRP	575	221.1	907.4	4599	0	302	468	1026	0	0	6395	657	1329	30656	2347	1936	2670	45989
308 MECH PROD FIELD CROP	47	15.2	43.7	422	0	0	0	0	0	0	422	52	12	1776	75	98	206	2640
309 PROD MGMT SYS FLD CR	204	53.7	148.1	849	0	75	1	56	0	0	981	120	78	5674	704	584	460	8602
310 ANIMAL REPRODUCTION	183	69.0	319.6	1744	0	144	540	469	75	0	2972	20	660	12209	1550	583	435	18429
311 IMP BIO EFF ANML PR	452	183.8	866.9	4893	0	172	252	3023	156	0	8496	168	799	30800	5161	1491	1469	48384
312 ENV STRESS IN ANML P	80	21.8	88.4	639	0	0	2	222	1	0	864	0	96	2682	477	178	110	4407
313 PROD MGMT SYS ANML P	130	25.5	92.2	622	0	51	0	19	0	0	691	13	4	4124	774	76	129	5812
314 BEES OTH POLLNTNG IN	8	1.6	4.6	5	0	21	30	28	0	0	84	2	33	292	137	26	0	574
315 IMP STRUC FARM SUPP	36	14.9	34.0	354	0	0	18	0	0	0	371	75	23	1574	32	125	66	2267
316 FARM BUSINESS MGMT	70	34.0	64.8	527	0	55	0	367	0	0	948	52	45	2259	104	47	26	3482
317 MECH/STRUCTS ANML PR	18	3.5	13.2	99	0	0	0	0	0	0	99	0	0	585	37	17	25	763
318 NON CON BIO TECH/BIM	339	124.8	399.5	1748	35	64	1768	111	0	116	3841	415	3740	12408	230	1404	970	23008
SUBTOTAL			3694.8		787		3295		232		32868		7663		12474		7811	
		976.1		20004		1540		6894		116		2347		130181		8663		202006
SERIES 400																		
401 NEW IMP FOREST PROD	77	37.1	116.7	9	517	469	211	0	0	0	1207	346	342	3573	24	580	1226	7298
402 PROD F & V IMP ACCEP	105	18.4	62.9	412	0	16	0	282	0	0	710	11	10	2279	55	90	52	3207
403 NEW & IMP F & V PROD	63	23.8	79.8	505	0	109	0	171	0	0	785	0	7	2503	89	123	173	3681
404 MKT QUAL FRTS & VEGS	49	18.0	36.7	369	0	15	0	47	0	0	431	0	19	1996	21	53	52	2571
405 PROD FLD CROP IMP AC	95	20.2	77.3	433	0	0	0	0	0	0	433	35	26	2621	242	285	191	3833
406 NEW IMP FOOD FLD CRO	40	11.8	35.8	262	0	0	0	128	0	0	390	19	96	1229	32	123	78	1967
407 NEW IMP NON FOOD PC	23	13.9	51.5	207	0	54	0	9	0	0	271	26	54	1049	86	168	240	1893
408 MKT QUAL FIELD CRCPS	36	11.2	26.5	232	0	0	0	27	0	0	258	0	32	1145	19	63	40	1556
409 PROD ANML PR IMP ACC	65	15.3	60.2	475	0	271	6	123	1	0	875	4	29	1985	423	246	228	3790
410 IMP MEAT MILK EGG PR	89	29.5	119.5	704	0	1	52	270	5	0	1031	62	116	3026	644	435	355	5670
411 IMP NON FOOD ANML PR	4	0.3	1.8	8	0	0	0	15	0	0	23	0	3	43	10	4	0	83
412 MKT QUAL ANIMAL PROD	34	6.5	33.0	140	0	0	0	0	0	0	140	0	22	1258	34	28	47	1530
SUBTOTAL			701.7		517		269		6		6554		757		1680		2680	
		206.0		3756		934		1072		0		503		22708		2199		37080
SERIES 500																		
501 IMP GRADES & STANDS	16	4.2	12.9	131	0	0	0	0	0	0	131	1	6	452	12	25	66	693
502 MKTG TIMBER PRODUCTS	19	2.3	6.9	9	65	0	0	0	0	0	74	108	31	205	1	29	5	453
503 MKTG EFF AGRI PRODS	57	13.2	29.2	417	0	64	0	9	0	0	491	68	54	897	10	13	37	1569
506 SPLY DEMAND AND PRIC	75	24.4	59.8	624	0	98	0	24	0	0	747	98	113	1968	107	36	101	3171
507 COMP REL IN AGRIC	21	4.6	8.3	101	0	0	0	21	0	0	123	8	5	266	3	0	18	422
508 DOMESTIC MKT DEVELP	25	5.7	9.6	113	0	0	0	103	0	0	216	9	7	317	25	1	2	577
509 PERFORMANCE MKTG SYS	63	23.1	52.3	595	0	13	0	192	0	0	801	169	56	1433	30	9	202	2699
510 GROUP ACT MKT POWER	3	0.4	0.0	4	0	0	0	27	0	0	32	0	0	12	0	0	0	44
511 IMP AGRIC STATISTICS	8	1.0	3.7	12	0	0	0	37	0	0	49	103	6	70	1	33	11	273
512 IMP GRADES FRST PROD	2	0.3	0.7	0	8	0	0	0	0	0	8	1	0	41	0	11	2	63
513 PRICE ANAL FRST PROD	8	0.8	4.0	0	24	0	0	0	0	0	24	112	3	114	1	3	5	263
SUBTOTAL			187.4		98		0		0		2696		282		190		449	
		80.0		2007		176		415		0		675		5775		159		10226
SERIES 600																		
601 FGN MKT DEVELP	13	4.7	8.7	73	6	0	0	0	0	0	79	126	82	372	4	2	8	673
603 TECH AID DEV CRTY	17	11.5	19.5	21	0	14	0	0	0	0	34	4	3743	294	0	6	113	4194
604 PRD DVLPMT/MKTG FRGN	9	2.3	5.4	15	35	10	0	0	0	0	60	7	71	203	10	1	9	362
SUBTOTAL			33.7		41		0		0		174		3896		14		130	
		18.6		109		24		0		0		136		869		9		5228

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YRS	STAFF OTHER	HATH /REP	SCIN STEN	SP GT	COMP GT	EVNS ALLN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	35	7.7	27.8	228	0	273	0	63	10	0	573	515	246	849	40	76	45	2344
702 FOOD PRCT FROM TOX	59	18.2	64.9	546	0	0	49	77	11	0	683	24	251	2386	61	135	161	3700
703 FOOD CONSUMP HABITS	40	11.2	25.5	174	0	0	0	443	0	0	617	71	146	524	4	4	20	1386
704 HOME COMM FOOD SERV	8	1.5	3.6	23	0	0	0	27	0	0	50	0	0	118	4	2	17	191
705 SKL CARE CLOTH & TEX	31	6.9	12.3	112	0	0	0	308	0	0	420	8	16	435	1	3	14	898
706 CONTR INSECTS AFF HA	32	9.7	25.4	310	0	21	0	0	0	0	331	24	105	763	44	104	104	1474
707 TRANS ANIML MAN DIS	8	1.0	4.2	12	0	0	0	73	0	0	85	3	33	84	0	10	4	220
708 HUMAN NUTRITION	94	33.5	104.5	539	0	0	105	909	0	0	1553	117	595	3078	28	452	70	5894
709 REDUCE HAZ HLTH & SF	25	3.3	10.4	121	0	5	0	0	0	0	126	0	123	360	11	10	19	649
SUBTOTAL			278.5		0		154		21		4439		1514		193		454	
		92.9		2066		299		1900		0		762		8597		796		16756
SERIES 800																		
801 RURAL HOUSING	25	6.4	13.2	143	0	0	0	342	0	0	485	0	2	345	2	8	0	843
802 INDIV & FAM DEC MAKI	43	12.3	17.6	146	0	0	0	630	0	0	776	3	16	439	5	40	4	1284
803 RURAL POVERTY	10	1.9	4.5	33	0	0	0	113	0	0	145	0	0	66	1	0	2	214
804 ECON POTENT RURL REG	39	10.5	33.6	153	0	0	0	861	0	0	1014	0	26	279	6	1	4	1330
805 COMMUNICAT EDUC PROC	20	9.5	15.7	31	0	0	0	285	0	0	316	3	0	701	3	12	66	1101
806 ADJUSTMENT TO CHANGE	55	18.3	40.4	475	0	0	0	639	0	0	1115	38	3	768	83	296	25	2327
807 AGRIC ECONOMIC CHANG	54	22.7	33.8	367	0	2	0	260	0	0	628	36	15	1585	28	5	84	2382
808 GOVT PROGRAMS	19	7.2	24.6	208	0	9	0	0	0	0	217	16	36	709	35	20	11	1044
SUBTOTAL			183.4		0		0		0		4697		99		162		196	
		89.0		1556		10		3131		0		96		4892		382		10524
SERIES 900																		
901 ALLEV POLLUTION	126	35.1	123.3	830	66	74	0	284	0	0	1254	395	354	3871	132	668	505	7179
902 OUTDOOR RECREATION	24	7.6	27.6	52	50	0	0	0	0	0	102	203	103	556	67	111	95	1237
903 MULTI USE FOREST POT	29	5.0	17.9	6	90	0	0	0	0	0	95	15	244	395	66	28	140	983
904 WLDLFE AND FISH ECOL	232	99.0	380.2	642	332	981	104	1022	66	0	3147	356	2420	9192	931	1336	2596	19978
905 TREES BEAUTIFICATION	14	3.8	6.0	61	3	2	0	0	0	0	65	1	6	329	20	15	1	438
906 ORNAMENT & TURF DEV	213	90.0	275.8	2100	0	89	0	121	0	0	2310	126	19	10856	317	915	253	14796
907 RURAL INCOME IMP	26	8.9	20.9	276	0	48	0	105	0	0	430	7	7	528	1	47	7	1026
908 RURAL INSTITUT IMP	34	11.0	17.8	247	0	48	0	339	0	0	634	23	2	549	6	13	2	1227
SUBTOTAL			869.7		541		104		66		8036		3154		1541		3598	
		260.3		4213		1241		1872		0		1126		26276		3133		46865
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			9072.3		4304		5195		1486		85786		26711		22174		26544	
		2694.9		49039		7840		17807		116		11011		308111		25898		506234

TABLE IV-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	HATH /REF	HCIN STEN	SP GT	COMP GT	EVNS ALLN	ANNL RLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	358	111.9	328.0	2330	39	123	0	0	0	0	2492	1400	1954	10868	946	2391	1543	21594
0200 WATER	152	41.1	115.2	797	21	11	0	0	0	0	829	508	752	3780	307	439	613	7229
0300 WATERSHEDS RIVER BAS	21	7.4	15.4	107	60	0	0	0	0	0	168	64	72	572	4	33	40	953
0400 AIR AND CLIMATE	47	13.4	49.1	401	0	0	0	0	0	0	401	54	603	1244	48	63	150	2564
0500 RECREATION RESOURCES	29	7.6	17.6	107	29	0	0	0	0	0	136	15	178	694	2	175	99	1298
0600 TIMBER FORST PRODUCT	354	113.8	279.3	543	1975	689	761	0	0	2	3970	801	897	10088	284	1250	2156	19446
0700 RANGE	50	18.1	42.2	320	0	24	0	97	0	0	441	13	520	1547	300	52	75	2949
0800 WILDLIFE AND FISH	99	27.3	84.7	290	70	59	0	0	0	0	419	68	1313	2420	37	406	779	5443
0900 CITRUS SUB TROP FRUT	6	0.9	1.4	11	0	0	0	25	0	0	36	0	0	42	2	20	1	101
1000 FRUIT NUTS DECIDUCUS	186	41.6	161.7	1068	0	498	4	25	0	0	1595	152	38	5601	360	918	1035	9699
1100 POTATOES	104	26.0	90.6	679	0	613	141	0	0	0	1433	173	152	3073	67	544	159	5601
1200 VEGETABLES	250	61.0	199.0	1811	0	355	89	272	0	0	2527	263	735	6772	280	755	419	11751
1300 ORNAMENTALS TURF	115	35.5	126.7	997	0	9	0	0	0	0	1006	33	131	4145	186	779	583	6862
1400 CORN	491	113.8	425.0	3328	0	266	377	0	0	2	3973	471	1478	11027	1087	3891	798	22724
1500 GRAIN SORGHUM	112	25.6	84.9	425	0	0	0	0	0	0	425	99	1122	1658	394	167	302	4167
1600 RICE	11	3.8	18.6	37	0	0	0	0	0	0	37	0	3	792	2	259	18	1111
1700 WHEAT	278	73.4	237.5	1286	0	270	175	0	0	0	1731	497	570	7031	1100	1136	710	12776
1800 OTHER SMALL GRAINS	162	37.3	125.6	770	0	76	614	0	0	0	1460	115	666	3539	435	1237	341	7792
1900 PASTURE	16	2.2	12.7	89	0	0	0	0	0	0	89	7	2	276	33	15	7	430
2000 FORAGE CROPS	211	48.5	161.4	1658	0	16	35	0	0	0	1710	313	348	5042	730	612	335	9090
2100 COTTON	7	1.2	3.7	57	0	0	0	0	0	0	57	0	4	170	27	1	35	294
2200 COTTONSEED	1	0.1	0.0	2	0	0	0	0	0	0	2	0	0	11	0	3	0	16
2300 SOYBEANS	363	86.5	309.3	1855	0	339	361	132	0	0	2686	345	452	8329	786	2727	872	16197
2400 PEANUTS	4	0.7	0.8	21	0	0	0	0	0	0	21	0	0	52	0	10	0	84
2500 OTHER OILSEED CROPS	78	17.4	46.1	307	0	108	0	0	0	0	416	146	160	1434	186	229	239	2810
2600 TOBACCO	4	0.7	5.9	22	0	0	0	0	0	0	22	12	57	132	0	21	0	245
2700 SUGAR CROPS	29	6.3	16.5	133	0	26	0	0	0	0	159	10	27	633	43	79	71	1023
2800 MISC NEW CROPS	32	4.6	15.6	179	0	0	0	0	0	0	179	33	103	455	27	219	21	1035
2900 POULTRY	213	58.3	229.8	1905	0	238	468	6	159	0	2776	293	337	7158	861	889	391	12704
3000 BEEF CATTLE	444	120.8	648.7	3323	0	595	662	136	473	0	5189	1191	394	14355	10242	1394	1042	33807
3100 DAIRY CATTLE	399	94.9	451.1	2925	0	524	241	0	387	0	4078	326	840	13121	3267	3520	815	25967
3200 SWINE	399	105.4	425.1	3015	0	603	532	109	390	0	4649	584	611	13207	4659	1674	2339	27723
3300 SHEEP AND WOOL	102	20.8	104.1	558	0	31	118	114	55	0	875	288	119	3108	1197	130	124	5840
3400 OTHER ANIMALS	151	30.2	108.0	502	0	32	108	175	187	0	1003	4	1814	2063	230	497	727	6337
3500 BEES AND HONEY	4	0.9	2.0	6	0	0	0	0	0	0	6	4	1	130	0	11	14	166
3600 FARM SUPP & FACILITS	28	10.8	28.6	304	0	0	0	0	0	0	304	83	109	983	256	142	54	1931
3700 CLOTHING & TEXTILES	21	6.9	12.1	122	0	0	0	15	0	0	137	0	29	512	0	12	1	692
3800 FOOD	164	47.0	163.7	1497	0	159	145	69	0	0	1870	505	1520	4943	110	1866	389	11202
3900 HOUSING & EQUIP	44	10.8	23.0	164	24	0	0	15	0	0	203	12	17	967	85	208	119	1611
4000 PEOPLE AS INDIVIDUAL	127	32.4	71.9	452	0	0	40	194	0	0	685	24	920	3501	13	455	49	5648
4100 FAMILY MEMBERS	109	27.5	65.9	628	0	0	0	21	0	0	649	42	750	2372	23	187	148	4172
4200 FARM AS BUSINESS	67	24.1	55.5	530	0	0	0	4	0	0	534	107	70	1751	166	112	398	3139
4300 SOC POLIT ORGANIZ	107	34.2	81.1	811	3	97	0	0	0	0	910	312	1656	2585	88	119	498	6168
4400 AGRIC ECONOMY U S	59	18.3	51.9	451	0	201	0	4	0	0	655	205	71	1773	58	141	447	3351
4500 AGRIC ECONOMY FORGN	15	13.5	29.8	73	0	89	0	0	0	0	163	108	2295	615	21	131	499	3832
4600 FARM COOPERATIVES	11	3.3	8.1	58	0	0	0	0	0	0	58	44	0	277	31	8	2	421
4700 OTH MARKET PROCESS	13	1.2	3.8	20	0	0	0	4	0	0	24	0	29	133	7	5	1	199
4800 MARKETING SYSTEMS	36	10.5	26.5	302	0	51	0	0	0	0	353	46	80	811	49	24	82	1445
6100 WEEDS	35	11.8	41.7	379	0	9	0	0	0	0	388	4	97	1306	58	357	212	2423
6200 SEED RESEARCH	11	2.6	21.0	38	0	0	5	0	0	0	43	17	45	183	631	79	12	1009
6300 BIO CELL SYSTEMS	94	27.3	149.4	495	7	0	114	0	0	0	617	133	4800	2990	77	811	172	9601
6400 EXP DESIGN/STAT METH	28	14.0	28.0	138	0	0	0	0	0	0	138	657	188	1145	147	208	125	2608
6500 INVERTEBRATES	75	18.8	52.2	303	25	5	695	0	0	0	1027	47	469	1748	31	173	89	3584
6600 MICROORGANISMS VIRUS	151	37.4	143.7	785	0	104	1262	0	29	156	2336	282	2187	3585	94	542	256	9282
6700 PLANTS	252	80.9	231.0	1342	0	193	1719	0	0	0	3253	481	3039	6968	366	790	639	15537
6800 ANIMALS(VERTEBRATES)	192	71.1	254.9	1074	0	158	77	32	101	0	1442	167	4788	6916	783	649	1070	15816
6900 RESEARCH ON RSCH MGH	13	3.4	5.8	233	0	1	0	0	0	0	234	29	0	322	0	0	0	585
7000 RSCH EQUIP & TECHNOL	43	11.2	46.2	168	10	0	89	0	0	0	267	64	1384	1176	3	196	152	3242
9900 UNCLASSIFIED	2	0.0	13.0	19	0	0	0	0	0	0	19	0	354	268	0	1273	0	1914
TOTAL		1878.1	6552.3	42251	2263	6572	8831	1447	1781	161	63305	11652	41351	192399	31227	35033	22268	397235

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	MATH /REP	MCIN STEM	SP GT	COMP GT	EVNS ALLW	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	74	23.8	49.7	326	7	0	0	0	0	0	333	266	305	2193	90	790	432	4408
102 SOIL PLNT WTR NUTRI	270	86.6	260.7	1920	160	102	88	20	0	0	2290	759	1526	8275	1063	1151	973	16037
103 MGMT OF SALINE SOILS	7	1.3	3.9	18	0	0	1	0	0	0	19	0	23	147	21	10	7	226
104 ALTERN USE OF LAND	41	10.5	27.9	151	7	0	0	0	0	0	158	98	43	947	35	40	155	1476
105 CONSERV USE OF WATER	76	19.2	60.8	373	3	0	11	0	0	0	387	80	304	1732	227	197	412	3339
106 DRAIN AND IRRIGATION	42	10.5	26.6	330	0	0	0	0	0	0	330	189	83	971	112	47	288	2021
107 WATERSHED PROT & MGM	28	10.0	29.9	267	60	0	0	0	0	0	327	166	61	865	65	129	50	1662
108 ECON LEG PROB OF WAT	11	5.3	11.8	60	0	0	0	0	0	0	60	38	90	401	4	27	25	681
109 WEATHER ADAPT & MOD	49	13.9	49.5	427	0	0	0	0	0	0	428	36	631	1254	53	36	125	2563
110 APPRAIS FORST & RANG	35	9.2	26.1	21	199	0	0	73	0	0	293	7	610	829	46	17	105	1908
111 BIOL CULT MGMT FORST	91	29.8	75.4	32	529	0	91	0	0	0	652	176	33	2847	82	227	657	4674
112 IMPROV RANGE RESOR	35	14.3	24.9	244	0	23	0	24	0	0	291	7	121	1162	246	35	70	1933
113 REMOTE SENSING	22	4.5	22.5	67	39	4	0	0	0	0	110	23	320	603	3	25	127	1210
114 RSCH ON MGMT OF RSCH	13	3.4	5.8	233	0	1	0	0	0	0	234	29	0	322	0	0	0	585
SUBTOTAL			675.5		1005		191		0		5910		4150		2047		3426	
		242.2		4468		130		117		0		1871		22549		2732		42685
SERIES 200																		
201 CNTRL FORST INSECTS	35	7.7	24.1	134	89	1	132	0	0	0	356	33	14	701	16	37	196	1353
202 CONTROL FOREST DIS	42	8.7	18.6	54	160	1	140	0	0	0	356	95	15	696	4	36	154	1355
203 FOREST FIRE PROTECT	2	0.0	0.2	0	0	0	0	0	0	0	0	0	0	4	0	2	3	8
204 CNTR PESTS FRT & VEG	69	12.9	49.4	461	0	151	130	0	0	0	742	153	58	1338	29	281	276	2877
205 CNTR DISE FRT & VEG	134	36.3	106.5	904	0	704	92	0	0	156	1856	183	111	3462	113	608	374	6707
206 CNTR WEEDS FRT & VEG	29	6.8	23.9	217	0	22	0	0	0	0	240	22	49	930	31	228	23	1523
207 CNTR PESTS FLD CRCPS	161	53.9	163.0	1322	0	558	120	0	0	0	2000	296	539	4152	357	1129	408	8881
208 CNTR DIS FIELD CRCPS	201	64.7	201.7	1888	0	327	173	0	0	0	2389	306	642	5957	156	1252	501	11202
209 CNTR WEEDS FLD CRCPS	88	31.7	105.6	804	0	27	0	0	0	0	832	77	212	2932	299	1027	386	5764
210 CONTR PESTS ANIMALS	45	8.3	26.4	227	0	30	15	0	41	0	313	57	2	654	126	98	86	1337
211 CONTR DIS ANIMALS	516	146.7	488.7	1549	0	1668	724	0	1276	0	5216	505	3179	15979	1355	1870	2783	30886
212 CNTR INTER PARASITES	28	4.9	13.8	109	0	17	0	0	10	0	136	24	2	455	52	141	16	825
213 PROT ANMLS FROM TOXI	44	11.4	35.0	186	0	68	0	0	105	0	359	42	65	977	35	251	66	1796
214 PROTECT FROM POLLUTI	48	11.5	36.0	210	40	11	56	0	3	0	321	102	518	1081	25	300	290	2637
SUBTOTAL			1292.8		290		1582		1435		15115		5404		2599		5561	
		405.5		8065		3588		0		156		1894		39319		7258		77152
SERIES 300																		
301 GENET BREED FORST TR	37	12.0	24.2	36	268	0	7	0	0	0	312	30	8	1113	19	215	244	1940
302 IMP FOREST ENG SYS	9	1.7	2.8	4	15	18	103	0	0	0	139	0	1	59	4	2	11	216
303 ECON TIMBER PRODUCTN	14	3.4	4.8	4	49	7	0	0	0	0	59	32	30	260	38	1	7	427
304 IMP BIO EFF FRT & VE	176	47.4	168.8	1432	0	311	192	203	0	0	2137	150	592	6131	356	541	417	10323
305 MECH PRCD FRT & VEGS	14	2.4	6.3	60	0	5	0	0	0	0	65	15	32	360	1	30	25	528
306 PROD MGMT SYS F & V	28	5.0	22.0	120	0	101	0	0	0	0	221	6	64	749	54	372	28	1494
307 IMP BIO EFF FLD CRP	438	192.6	654.5	3733	0	106	1396	132	0	0	5366	889	2482	18600	3149	4861	1269	36616
308 MECH PROD FIELD CROP	33	8.2	16.8	197	0	0	0	0	0	0	197	12	39	850	27	98	26	1250
309 PROD MGMT SYS FLD CR	95	18.4	63.8	485	0	6	0	0	0	0	491	128	134	2004	349	214	103	3423
310 ANIMAL REPRODUCTION	191	55.8	265.4	1863	0	158	802	347	166	0	3335	540	1043	6877	3589	948	253	16586
311 IMP BIO EFF ANML PR	386	143.4	903.8	5476	0	85	481	0	158	0	6200	1257	1070	20065	12563	3061	2511	46727
312 ENV STRESS IN ANMI P	56	15.3	55.6	555	0	19	36	0	19	0	628	18	427	1372	582	155	21	3204
313 PROD MGMT SYS ANMI P	90	18.0	95.6	688	0	28	0	0	0	0	716	42	2	2939	1741	181	68	5689
314 BEES OTH POLLNTNG IN	4	0.9	2.0	6	0	0	0	0	0	0	6	4	1	130	0	11	14	166
315 IMP STRUC FARM SUPP	32	11.5	27.5	214	0	0	0	0	0	0	214	30	17	1211	281	128	51	1932
316 FARM BUSINESS MGMT	49	16.8	44.0	367	0	0	0	4	0	0	370	93	65	1300	154	55	300	2337
317 MECH/STRUCTS ANML PR	13	1.8	5.3	35	0	0	0	0	0	0	35	0	0	248	44	35	77	439
318 NON COM BIO TECH/BIM	404	130.9	522.3	2255	7	3	3277	0	0	0	5542	943	12059	13223	931	2629	891	36218
SUBTOTAL			2885.6		338		6293		342		26035		18066		23882		6315	
		685.5		17530		845		685		0		4189		77492		13537		169515
SERIES 400																		
401 NEW IMP FOREST PROD	47	15.5	39.3	84	223	653	272	0	0	2	1233	85	125	1385	6	326	222	3382
402 PROD F & V IMP ACCEP	59	7.7	36.5	207	0	7	0	0	0	0	214	37	33	1183	58	150	119	1794
403 NEW & IMP F & V PROD	45	7.8	32.1	187	0	0	0	0	0	0	187	43	27	1125	7	295	184	1868
404 MKT QUAL FRTS & VEGS	24	7.6	19.1	225	0	70	0	0	0	0	295	37	19	775	6	83	111	1325
405 PROD FLD CROP IMP AC	93	33.4	161.1	747	0	19	37	0	0	0	803	232	603	4031	300	1137	484	7589
406 NEW IMP FOOD FLD CRO	54	17.7	74.1	374	0	0	0	0	0	0	374	66	486	1803	151	430	388	3697
407 NEW IMP NON FOOD FC	37	9.3	29.8	226	0	1	0	0	0	2	229	15	65	970	140	146	79	1645
408 MKT QUAL FIELD CRCPS	35	9.4	28.1	289	0	1	0	0	0	0	290	6	294	804	18	270	64	1747
409 PROD ANML PR IMP ACC	58	15.5	75.7	652	0	0	0	59	1	0	712	196	88	2341	714	256	92	4398
410 IMP MEAT MILK EGG PR	79	27.8	85.6	797	0	0	0	0	0	0	797	38	115	2839	252	798	184	5024
411 IMP NON FOOD ANML PR	6	0.7	2.2	23	0	0	0	0	0	0	23	1	2	77	0	47	7	158
412 MKT QUAL ANIMAL PROD	24	7.3	14.6	245	0	0	0	0	0	0	245	0	1	661	16	159	82	1163
SUBTOTAL			598.3		223		308		1		5402		1859		1668		2015	
		159.8		4056		751		59		5		756		17993		4097		33789
SERIES 500																		
501 IMP GRADES & STANDS	14	3.6	12.9	169	0	90	0	0	3	0	263	40	0	210	0	127	10	650
502 MKTG TIMBER PRODUCTS	8	2.6	4.1	0	58	0	0	0	0	0	58	10	15	151	0	6	53	294
503 MKTG EFF AGRI PROIS	53	20.2	36.4	257	0	75	0	0	0	0	332	73	787	1178	79	312	134	2895
506 SPLY DEMAND AND PRIC	51	16.0	39.3	422	0	75	0	4	0	0	501	163	17	1418	67	77	105	2349
507 COMP REL IN AGRIC	18	4.4	13.4	137	0	58	0	0	0	0	195	23	0	357	40	29	41	685
508 DOMESTIC MKT DEVELP	10	1.3	5.0	25	0	0	0	4	0	0	29	13	16	217	3	39	70	387
509 PERFORMANCE MKTG SYS	42	12.7	28.4	364	0	65	0	0	0	0	429	209	66	1662	29	42	75	2512
510 GROUP ACT MKT POWER	11	2.5	7.0	45	0	22	0	0	0	0	67	40	0	238	17	0	2	365
511 IMP AGRIC STATISTICS	10	3.7	8.2	63	0	0	0	0	0	0	63	622	14	257	2	67	63	1088
512 IMP GRADES FRST PROD	2	0.1	0.8	0	0	0	0	0	0	0	0	31	4	20	0	2	9	66
513 PRICE ANAL FRST PROD	4	0.9	2.0	0	44	0	0	0	0	0	44	46	0	48	2	0	9	150
SUBTOTAL			157.4		103		0		3		1980		918		240		571	
		67.9		1482		385		7		0		1272		5756		703		11440
SERIES 600																		
601 FGN MKT DEVELP	27	17.7	38.4	189	0	122	0	0	0	0	311	89	2248	974	18	109	650	4399
602 EVAL FGN FOOD AID PG	2	0.6	1.1	5	0	0	0	0	0	0	5	32	3	23	0	21	0	85
603 TECH AID DEV CRTY	13	3.7	21.6	11	0	93	0	0	0	0	103	74	1661	238	20	175	2	2272
604 PRD DVLPMT/MKTG FRGN	9	2.6	5.5	31	0	0	0	0	0	0	31	31	0	222	0	36	0	321
SUBTOTAL			66.6		0		0		0		450		3912		38		653	
		24.6		236		215		0		0		225		1458		340		7076

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	MATH /REP	NCIN STEM	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	24	5.5	21.3	106	0	61	0	0	0	0	167	100	193	576	15	69	100	1220
702 FOOD PROT FROM TOX	63	22.3	85.8	532	0	49	0	0	0	0	581	95	1099	2091	110	960	272	5208
703 FOOD CONSUMP HABITS	34	7.9	14.8	143	0	0	0	24	0	0	167	63	123	516	15	211	40	1133
704 HOME CONM FOOD SERV	22	4.0	11.2	236	0	0	0	0	0	0	236	0	0	416	26	7	28	718
705 SEL CARE CLOTH & TEX	14	4.5	7.7	66	0	0	0	15	0	0	81	0	14	313	0	0	0	409
706 CONTR INSECTS AFF HA	15	2.0	7.0	63	0	0	15	0	0	0	78	1	2	200	0	48	6	336
707 TRANS ANIML MAN DIS	8	1.3	5.4	8	0	0	0	0	0	0	8	0	113	113	0	154	1	389
708 HUMAN NUTRITION	135	37.6	128.1	1020	0	0	441	520	0	0	1981	59	1703	3199	58	797	368	8166
709 REDUCE HAZ HLTH & SF	14	3.7	8.6	54	0	0	0	0	0	0	54	9	176	411	0	5	15	671
SUBTOTAL			285.9		0		456		0		3353		3423		225		830	
		88.7		2228		110		559		0		328		7834		2251		18244
SERIES 800																		
801 RURAL HOUSING	17	3.9	7.9	55	0	0	0	15	0	0	70	0	0	288	11	21	65	455
802 INDIV & FAM DEC MAKI	63	14.5	31.5	313	0	0	0	4	0	0	317	4	269	1509	8	148	57	2312
803 RURAL POVERTY	6	0.9	2.1	25	0	0	0	0	0	0	25	12	9	72	3	0	1	121
804 ECON POTENT RURL REG	16	4.5	5.2	62	0	0	0	0	0	0	62	1	0	427	12	0	0	501
805 COMMUNICAT EDUC PROC	27	9.1	17.7	74	0	0	0	0	0	0	74	0	19	1328	0	4	15	1441
806 ADJUSTMENT TO CHANGE	68	17.7	38.4	366	0	0	0	0	0	0	366	38	416	1340	18	75	111	2364
807 AGRIC ECONOMIC CHANG	65	18.1	44.9	465	0	98	0	0	0	0	564	89	70	1383	57	95	453	2711
808 GOVT PROGRAMS	24	6.2	19.9	146	0	38	0	0	0	0	183	26	12	597	1	31	367	1218
SUBTOTAL			167.7		0		0		0		1661		795		110		1068	
		74.9		1506		136		19		0		170		6945		375		11123
SERIES 900																		
901 ALLEV POLLUTION	98	29.3	106.0	688	25	247	0	0	0	0	961	549	828	2885	101	1012	184	6520
902 OUTDOOR RECREATION	31	8.1	17.8	125	43	0	0	0	0	0	167	15	200	683	0	52	97	1216
903 MULTI USE FOREST POT	23	4.3	13.4	29	92	0	0	0	0	0	122	11	12	401	16	54	57	674
904 WLDLFE AND FISH ECOL	89	26.1	84.8	226	84	59	0	0	0	0	370	30	1204	2316	45	414	832	5211
905 TREES BEAUTIFICATION	35	7.5	21.8	84	58	0	0	0	0	0	142	35	54	860	22	184	30	1327
906 ORNAMENT & TURF DEV	109	32.7	118.8	918	0	9	0	0	0	0	927	33	129	3925	186	705	554	6459
907 RURAL INCOME INP	26	9.7	20.4	224	3	0	0	0	0	0	227	96	40	826	7	14	63	1273
908 RURAL INSTITUT INF	48	11.1	26.4	368	0	97	0	0	0	0	465	179	3	887	41	32	11	1618
990 UNCLASSIFIED	2	0.0	13.0	19	0	0	0	0	0	0	19	0	354	268	0	1273	0	1914
SUBTOTAL			422.4		305		0		0		3399		2825		418		1829	
		128.8		2681		413		0		0		948		13053		3740		26211
SCIENCE IN SERV OF MAN GRAND TOTAL			6552.3		2263		8831		1781		63305		41351		31227		22268	
		1878.1		42251		6572		1447		161		11652		192399		35033		397235

TABLE IV-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	HATH /RRF	HCIN STEM	SP GT	COMP GT	EVNS ALLN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	327	95.1	231.0	1411	154	661	17	0	0	0	2244	677	1843	8855	273	1203	811	15906
0200 WATER	242	77.8	155.4	864	64	207	0	0	0	0	1134	601	1685	6373	48	791	2535	13167
0300 WATERSHEDS RIVER BAS	61	15.3	20.5	127	78	34	0	0	0	0	239	59	382	953	13	45	107	1799
0400 AIR AND CLIMATE	41	17.8	36.4	54	4	11	0	0	0	0	69	41	1359	989	7	38	202	2706
0500 RECREATION RESOURCES	52	14.2	19.6	159	180	0	0	0	0	0	339	47	161	863	4	53	183	1649
0600 TIMBER FORST PRODUCT	405	147.9	349.0	356	1958	833	1356	0	0	213	4715	1694	2254	13471	548	1598	987	25266
0700 RANGE	180	75.1	113.8	665	126	322	0	0	0	0	1113	174	2584	5028	217	197	552	9865
0800 WILDLIFE AND FISH	216	62.1	156.3	305	248	339	0	0	35	0	927	355	2511	6873	54	649	2125	13495
0900 CITRUS SUB TROP FRUT	117	36.9	111.2	372	0	331	2	0	0	0	705	155	114	5798	21	411	156	7360
1000 FRUIT NUTS DECIDUCUS	290	115.6	294.7	1769	0	500	0	0	0	0	2269	406	467	13403	106	1938	1206	19794
1100 POTATOES	90	31.6	62.4	343	0	328	59	0	0	0	731	611	95	2485	107	425	474	4927
1200 VEGETABLES	353	120.0	305.7	1879	0	485	332	0	0	0	2697	259	1677	12948	185	1397	896	20060
1300 ORNAMENTALS TURF	110	39.8	80.7	604	0	12	0	0	0	0	615	46	134	4120	22	441	228	5606
1400 CORN	70	14.6	38.8	131	0	66	414	0	0	0	611	69	790	1157	26	53	181	2887
1500 GRAIN SORGHUM	27	2.9	10.5	56	0	0	0	0	0	0	56	9	258	468	7	38	15	852
1600 RICE	21	5.4	14.8	20	0	9	77	0	0	0	106	38	85	598	6	119	20	972
1700 WHEAT	204	76.8	174.8	803	0	724	130	0	0	0	1657	473	2524	5184	198	1089	694	11818
1800 OTHER SMALL GRAINS	145	35.7	80.4	718	0	37	75	0	0	0	831	274	495	3138	111	456	185	5489
1900 PASTURE	26	2.7	6.8	71	5	25	0	0	0	0	100	26	11	203	14	32	28	416
2000 FORAGE CROPS	244	56.0	126.3	1352	0	179	76	0	0	0	1607	439	480	5480	139	338	186	8669
2100 COTTON	74	24.9	68.6	479	0	3	0	0	0	0	482	118	65	3024	5	350	48	4094
2200 COTTONSEED	2	0.8	1.9	13	0	0	0	0	0	0	13	0	0	91	1	0	7	112
2300 SOYBEANS	28	6.4	10.1	113	0	45	114	0	0	0	271	0	84	526	5	110	57	1054
2400 PEANUTS	5	1.3	1.3	1	0	0	0	0	0	0	1	0	1	100	2	0	1	104
2500 OTHER OILSEED CROPS	35	10.9	27.1	137	0	0	0	0	0	0	137	189	161	1006	24	207	106	1831
2600 TOBACCO	1	0.6	0.5	1	0	0	0	0	0	0	1	11	16	25	2	0	2	56
2700 SUGAR CROPS	29	4.8	14.2	52	0	35	0	0	0	0	87	6	1	597	12	58	4	766
2800 MISC NEW CROPS	80	24.0	48.5	374	0	432	0	0	0	44	849	118	686	1717	30	303	304	4008
2900 POULTRY	88	35.0	104.7	392	0	36	199	0	104	0	732	47	192	3656	101	473	195	5397
3000 BEEF CATTLE	325	161.0	413.0	2483	14	345	597	0	416	0	3855	1028	6342	11472	3744	811	1765	29018
3100 DAIRY CATTLE	243	83.1	211.9	1155	0	70	246	0	388	29	1888	346	2103	6389	1858	1177	546	14308
3200 SWINE	55	15.5	31.7	332	0	97	229	0	11	0	669	65	8	1270	251	49	148	2461
3300 SHEEP AND WOOL	139	53.0	122.2	833	0	84	295	0	143	0	1355	360	2221	3993	500	183	532	9142
3400 OTHER ANIMALS	116	40.1	135.5	248	0	0	134	0	51	0	433	32	4817	2371	489	707	432	9282
3500 BEES AND HONEY	16	5.5	9.2	61	0	6	0	0	0	0	67	40	5	784	1	45	6	949
3600 FARM SUPP & FACILITS	12	3.2	5.7	46	0	0	0	0	0	0	46	51	1	268	5	0	239	610
3700 CLOTHING & TEXTILES	20	4.3	11.0	41	0	0	0	0	0	0	41	14	0	491	0	13	12	571
3800 FOOD	88	45.7	96.2	517	0	304	53	0	0	101	976	226	1034	4159	17	719	132	7263
3900 HOUSING & EQUIP	28	5.9	10.6	85	24	0	0	0	0	0	109	50	53	516	3	45	14	789
4000 PEOPLE AS INDIVIDUAL	148	32.8	53.3	430	11	49	94	0	0	0	584	57	627	3303	41	213	123	4947
4100 FAMILY MEMBERS	68	14.3	17.5	197	0	17	0	0	0	0	214	8	150	1006	10	31	201	1619
4200 FARM AS BUSINESS	45	13.3	18.4	290	0	0	0	0	0	0	290	136	46	1002	6	33	87	1600
4300 SOC POLIT ORGANIZ	77	21.4	27.2	315	35	48	0	0	0	92	489	26	60	1580	26	59	60	2301
4400 AGRIC ECONOMY U S	31	8.5	11.6	140	0	0	0	0	0	0	140	35	18	809	8	45	56	1111
4500 AGRIC ECONOMY FORGN	11	3.0	3.7	34	0	2	0	0	0	0	36	11	12	256	1	2	0	319
4600 FARM COOPERATIVES	7	1.8	3.6	8	0	0	0	0	0	0	8	24	14	201	0	20	0	268
4700 OTH MARKET PROCESS	5	1.3	2.0	27	0	0	0	0	0	0	27	1	2	87	0	7	4	128
4800 MARKETING SYSTEMS	12	4.4	9.1	22	0	7	0	0	0	0	29	9	0	428	0	39	2	508
6100 WEEDS	37	6.6	15.3	120	0	62	31	0	0	0	212	6	20	613	4	61	42	958
6200 SEED RESEARCH	25	15.4	42.8	144	0	0	0	0	0	52	196	28	195	816	985	31	636	2886
6300 BIO CELL SYSTEMS	67	33.3	62.8	193	0	86	26	0	7	26	338	107	1835	2456	33	307	93	5169
6400 EXP DESIGN/STAT METH	22	9.9	10.5	26	0	0	0	0	0	0	26	65	211	822	61	11	1	1197
6500 INVERTEBRATES	144	64.0	146.2	532	3	0	466	0	22	0	1023	214	1768	6412	28	419	140	10004
6600 MICROORGANISMS VIRUS	150	47.2	135.8	348	4	204	1212	0	18	0	1786	145	2171	4781	21	481	31	9416
6700 PLANTS	300	120.6	285.3	1000	0	531	1859	0	0	26	3416	629	4529	11223	203	1056	400	21456
6800 ANIMALS(VERTEBRATES)	134	86.3	233.7	313	0	29	48	0	42	29	461	23	8246	7858	117	510	242	17457
6900 RESEARCH ON RSCH MGM	21	50.2	137.0	455	0	25	0	0	0	0	481	8	50	6966	221	410	14	8149
7000 RSCH EQUIP & TECHNOL	43	11.0	18.9	105	26	0	69	0	0	0	200	224	422	649	27	39	16	1578
TOTAL		2114.5	4947.5	24121	2932	7622	8211	0	1237	612	44734	10911	58076	192115	10947	20338	18467	355589

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SYS	STAFF YRS OTHER	HATH /RRP	HCIN STEM	SP GT	COMP GT	EVNS ALLW	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	65	18.2	44.6	202	14	36	0	0	0	0	252	186	503	1646	115	92	209	3003
102 SOIL PLNT WTR NUTRI	227	78.0	168.9	964	204	361	17	0	0	0	1547	484	2441	6630	144	710	606	12560
103 MGMT OF SALINE SOILS	50	12.0	49.0	177	0	6	0	0	0	0	183	41	115	2054	3	343	5	2744
104 ALTERN USE OF LAND	60	13.5	16.8	179	3	310	0	0	0	0	492	92	299	817	11	45	69	1825
105 CONSERV USE OF WATER	136	35.8	75.4	577	54	39	0	0	0	41	711	270	426	3112	50	335	180	5084
106 DRAIN AND IRRIGATION	52	27.9	35.2	205	0	33	0	0	0	0	238	66	119	1769	27	50	2209	4478
107 WATERSHED PROT & MGM	64	18.3	34.1	163	102	269	0	0	0	0	533	192	482	1238	101	46	410	3002
108 ECON LEG PROB OF WAT	37	10.9	20.7	116	0	0	0	0	0	0	116	60	234	932	6	50	34	1431
109 WEATHER ADAPT & MOD	50	22.9	37.4	178	39	44	1	0	0	0	262	32	1492	1036	15	23	209	3071
110 APPRAIS FORST & RANG	48	18.3	28.9	73	125	0	0	0	0	0	198	32	874	938	49	61	209	2361
111 BIOL CULT MGMT FOEST	127	50.7	127.5	41	861	23	292	0	0	0	1217	986	704	4602	406	609	330	8853
112 IMPROV RANGE RESOR	123	39.8	71.4	388	94	208	0	0	0	0	690	90	998	3703	169	143	217	6010
113 REMOTE SENSING	28	5.2	19.4	43	13	0	0	0	0	0	56	10	146	430	20	49	24	734
114 RSCH ON MGMT OF RSCH	21	50.2	137.0	455	0	25	0	0	0	0	481	8	50	6966	221	410	14	8149
SUBTOTAL			866.4		1509		311		0		6978		8881		1334		4725	
		401.8		3762		1354		0		41		2550		35873		2965		63306
SERIES 200																		
201 CNTRL FORST INSECTS	37	5.8	22.5	111	93	2	186	0	0	0	393	82	160	662	2	14	1	1313
202 CONTROL FOREST DIS	32	7.9	18.0	65	85	3	0	0	0	0	153	80	77	753	1	50	15	1130
203 FOREST FIRE PROTECT	13	3.4	6.7	3	53	0	0	0	0	0	56	33	92	264	0	4	50	501
204 CNTR PESTS FRT & VEG	160	51.3	141.9	897	0	432	0	0	0	0	1328	154	277	6791	53	610	403	9615
205 CNTR DISE FRT & VEG	223	77.5	219.9	1353	0	350	18	0	0	0	1722	647	420	9441	92	1255	457	14035
206 CNTR WEEDS FRT & VEG	49	9.4	32.6	200	0	72	0	0	0	0	272	20	202	1270	7	124	68	1963
207 CNTR PESTS FLD CROPS	132	39.7	91.7	669	0	109	122	0	0	0	899	267	530	3985	50	425	73	6228
208 CNTR DIS FIELD CROPS	141	40.5	88.7	472	0	530	150	0	0	0	1151	91	582	3833	50	610	339	6656
209 CNTR WEEDS FLD CROPS	89	26.1	61.7	326	0	126	65	0	0	1	519	452	238	2174	85	386	279	4132
210 CONTR PESTS ANIMALS	28	4.8	11.6	142	9	0	0	0	78	0	229	16	46	501	2	88	2	884
211 CONTR DIS ANIMALS	250	175.8	413.4	756	7	427	740	0	821	0	2750	636	8513	10757	3020	1069	2166	28911
212 CNTR INTER PARASITES	30	9.0	14.5	323	0	64	63	0	32	0	483	0	1	507	5	79	102	1176
213 PROT ANMLS FROM TOXI	30	38.3	84.5	108	0	22	0	0	81	0	211	4	5185	926	1303	177	589	8394
214 PROTECT FROM POLLUTI	62	29.4	121.7	308	0	253	0	0	4	0	565	344	4052	2359	15	150	39	7524
SUBTOTAL			1329.4		248		1344		1016		10733		20376		4683		4581	
		518.9		5734		2390		0		1		2825		44222		5042		92462
SERIES 300																		
301 GENET BREED FORST TR	23	5.7	20.4	1	46	2	219	0	0	0	269	38	244	780	1	161	70	1561
302 IMP FOREST ENG SYS	18	9.7	15.4	17	58	316	92	0	0	213	695	23	48	680	0	0	66	1512
303 ECON TIMBER PRODUCTN	10	6.4	14.1	0	106	80	0	0	0	0	186	15	26	669	0	38	25	959
304 IMP BIO EFF FRT & VE	285	94.7	240.9	1112	0	512	393	0	0	0	2017	473	656	10838	511	1195	805	16496
305 MECH PROD FRT & VEGS	15	4.9	12.5	65	0	0	0	0	0	0	65	4	0	596	2	136	39	843
306 PROD MGMT SYS F & V	24	4.8	9.9	43	0	41	0	0	0	0	84	0	0	480	1	28	14	607
307 IMP BIO EFF FLD CRP	275	103.8	248.1	1831	0	321	844	0	0	1	2998	691	1664	9532	766	1071	822	17543
308 MECH PROD FIELD CROP	16	3.7	7.1	60	0	56	0	0	0	0	116	4	43	383	1	73	1	620
309 PROD MGMT SYS FLD CR	61	12.3	23.9	185	0	100	0	0	0	0	285	14	59	1170	39	85	85	1737
310 ANIMAL REPRODUCTION	118	50.2	160.8	1130	0	71	379	0	113	0	1693	852	1995	4974	546	310	164	10535
311 IMP BIO EFF ANML PR	211	93.2	286.3	1905	0	62	498	0	37	0	2503	300	1305	10698	1907	1175	200	18087
312 ENV STRESS IN ANML P	44	15.5	40.4	191	0	0	0	0	5	0	196	0	424	1708	100	124	123	2675
313 PROD MGMT SYS ANML P	49	13.1	21.1	217	0	0	0	0	15	0	232	8	23	1229	69	45	96	1702
314 BEES OTH POLLNTNG IN	16	5.5	9.2	61	0	6	0	0	0	0	67	40	5	784	1	45	6	949
315 IMP STRUC FARM SUPP	11	2.5	5.7	10	0	0	0	0	0	0	10	45	1	320	23	1	239	640
316 FARM BUSINESS MGMT	31	10.0	14.9	225	0	0	0	0	0	0	225	128	44	722	3	30	69	1220
317 MECH/STRUCTS ANML PR	1	0.5	0.3	0	0	0	0	0	0	0	0	0	0	46	0	0	0	46
318 NON COM BIO TECH/EIN	450	203.1	486.1	1269	21	235	3500	0	7	104	5137	692	9987	17931	330	1469	573	36118
SUBTOTAL			1617.1		231		5926		178		16777		16524		4300		3398	
		639.8		8322		1801		0		318		3326		63540		5985		113851
SERIES 400																		
401 NEW IMP FOREST PRCD	63	28.1	62.3	4	302	316	321	0	0	0	943	235	90	2615	89	430	49	4451
402 PROD F & V IMP ACCEP	81	20.1	59.3	196	0	312	0	0	0	0	508	133	262	2525	107	318	145	3997
403 NEW & IMP F & V PROD	37	12.1	28.6	111	0	0	0	0	0	0	111	0	165	1348	6	344	38	2011
404 MKT QUAL FRTS & VEGS	51	16.0	43.8	203	0	61	0	0	0	0	264	4	25	2129	6	450	94	2973
405 PROD FLD CROP IMP AC	64	41.2	96.6	534	0	119	16	0	0	0	670	316	1977	1730	52	553	792	6089
406 NEW IMP FOOD FLD CRC	15	7.7	13.9	125	0	0	0	0	0	0	125	0	158	464	9	75	162	992
407 NEW IMP NON FOOD FC	15	5.3	14.2	62	0	193	0	0	0	0	254	2	116	573	8	37	51	1041
408 MKT QUAL FIELD CROPS	10	2.9	5.5	98	0	0	0	0	0	0	98	1	4	389	2	26	3	523
409 PROD ANML PR IMP ACC	14	6.4	12.5	132	0	0	0	0	0	0	132	0	165	545	44	91	17	996
410 IMP MEAT MILK EGG PR	34	13.2	36.6	268	0	0	38	0	0	0	306	80	170	1193	25	252	62	2088
411 IMP NON FOOD ANML PR	6	1.7	2.4	14	27	0	0	0	0	0	40	0	0	157	0	6	11	215
412 MKT QUAL ANIMAL PROD	14	3.4	5.6	87	0	0	0	0	0	0	87	0	18	300	10	112	16	543
SUBTOTAL			381.2		329		374		0		3538		3150		358		1440	
		158.2		1833		1001		0		0		773		13967		2693		25918
SERIES 500																		
501 IMP GRADES & STANDS	9	1.4	1.7	36	0	0	0	0	0	0	36	0	8	113	5	17	28	207
502 MKTG TIMBER PRODUCTS	9	2.9	4.6	3	31	79	0	0	0	0	113	99	0	135	0	27	15	389
503 MKTG EFF AGRI PRODS	27	7.3	8.5	112	0	0	0	0	0	0	112	11	5	607	4	6	62	806
506 SPLY DEMAND AND PRIC	35	12.4	14.8	184	0	0	0	0	0	0	184	41	14	1083	7	48	126	1505
507 COMP REL IN AGRIC	4	1.5	2.3	48	0	0	0	0	0	0	48	12	0	118	0	15	2	195
508 DOMESTIC MKT DEVELP	11	2.4	3.8	19	0	0	0	0	0	0	19	0	0	248	0	8	45	320
509 PERFORMANCE MKTG SYS	23	8.7	12.7	88	0	0	0	0	0	0	88	20	1	884	2	49	17	1061
510 GROUP ACT MKT POWER	7	2.1	3.7	12	0	0	0	0	0	0	12	24	14	219	0	20	0	289
511 IMP AGRIC STATISTICS	7	4.4	4.3	13	0	0	0	0	0	0	13	37	29	278	0	4	1	360
512 IMP GRADES FRST PROD	10	1.8	5.2	3	17	0	0	0	0	0	20	14	1	215	37	29	2	318
513 PRICE ANAL FRST PROD	5	1.5	2.0	0	9	0	0	0	0	0	9	0	9	92	1	8	6	125
SUBTOTAL			63.8		57		0		0		653		80		56		303	
		46.4		517		79		0		0		258		3992		231		5573
SERIES 600																		
601 FGN MKT DEVELP	30	12.3	16.0	136	7	2	0	0	0	0	145	90	16	894	3	28	319	1497
602 EVAL FGN FOOD AID PG	1	0.1	0.0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	8
603 TECH AID DEV CNTY	15	5.1	7.5	12	0	46	0	0	0	0	58	40	383	355	10	3	3	851
604 PRD DVLPMT/MKTG FGN	9	4.2	8.4	15	0	0	0	0	0	0	15	11	103	173	1	25	358	686
SUBTOTAL			31.9		7		0		0		217		503		14		680	
		21.7		162		48		0		0		142		1430		57		3042

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YRS	STAFF OTHER	MATH /REP	SCIN STEM	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	43	23.0	37.1	140	0	380	0	0	1	160	681	1	1184	1121	1	130	49	3166
702 FOOD PROT FROM TOI	33	22.4	43.0	330	0	0	0	0	9	0	339	9	1438	1404	11	118	39	3358
703 FOOD CONSUMP HABITS	32	11.1	10.4	195	0	1	0	0	0	0	195	17	31	787	8	80	64	1183
704 HOME COMM FOOD SERV	3	0.3	1.3	4	0	0	0	0	0	0	4	0	10	46	0	8	0	68
705 SEL CARE CLOTH & TEI	19	4.1	11.0	37	0	0	0	0	0	0	37	14	0	473	0	13	12	549
706 CONTR INSECTS AFF HA	33	16.3	38.7	105	24	0	0	0	0	0	129	23	240	2071	2	186	18	2668
707 TRANS ANIML MAN DIS	10	1.7	5.0	15	0	0	0	0	0	0	15	2	84	215	1	10	0	326
708 HUMAN NUTRITION	77	32.4	90.9	362	0	0	234	0	0	0	596	165	1501	2678	21	430	65	5456
709 REDUCE HAZ HLTH & SF	16	1.9	3.0	34	0	0	0	0	0	0	34	0	32	197	5	8	19	295
SUBTOTAL		113.1	240.5	1223	24	380	234	0	10	160	2031	231	4521	8991	48	983	266	17071
SERIES 800																		
801 RURAL HOUSING	9	0.9	0.1	9	0	0	0	0	0	0	9	1	0	49	0	0	0	59
802 INDIV & FAM DEC MAKI	54	7.7	6.5	131	0	17	0	0	0	0	148	7	7	626	4	29	2	823
803 RURAL POVERTY	6	0.8	0.7	5	0	17	0	0	0	0	22	0	0	55	0	23	0	100
804 ECON POTENT RURL REG	17	2.3	3.1	10	37	0	0	0	0	0	47	0	39	231	6	8	26	356
805 COMMUNICAT EDUC PROC	21	5.9	6.3	39	0	7	0	0	0	92	138	0	154	430	16	15	44	797
806 ADJUSTMENT TO CHANGE	59	14.7	18.4	283	0	17	0	0	0	0	300	3	58	1109	5	52	196	1723
807 AGRIC ECONOMIC CHANG	30	6.7	7.9	129	0	0	0	0	0	0	129	8	4	666	11	30	36	885
808 GOVT PROGRAMS	9	2.8	1.6	66	0	0	0	0	0	0	66	8	4	133	0	0	8	218
SUBTOTAL		41.7	44.5	670	37	58	0	0	0	92	857	28	266	3298	42	157	313	4962
SERIES 900																		
901 ALLEV POLLUTION	107	40.9	103.9	554	8	126	0	0	0	0	688	302	1215	3973	8	1062	196	7446
902 OUTDOOR RECREATION	46	14.2	17.7	152	134	0	0	0	0	0	287	30	172	796	3	61	138	1487
903 MULTI USE FOREST PDT	29	5.2	10.3	18	98	0	0	0	0	0	115	47	65	402	2	51	84	767
904 WLDLFE AND FISH ECOL	193	52.2	131.8	252	235	339	0	0	32	0	859	325	2029	5891	54	536	2072	11765
905 TREES BEAUTIFICATION	26	4.7	9.4	79	5	0	21	0	0	0	106	6	2	542	4	46	7	713
906 ORNAMENT & TURF DEV	101	37.8	77.3	587	0	12	0	0	0	0	599	39	133	3929	21	433	222	5376
907 RURAL INCOME IMP	27	8.9	11.1	85	8	17	0	0	0	0	110	13	109	454	15	18	14	733
908 RURAL INSTITUT IMP	35	8.8	11.1	171	0	17	0	0	0	0	188	14	50	813	5	18	28	1116
SUBTOTAL		172.8	372.6	1897	489	511	21	0	32	0	2951	778	3775	16800	113	2226	2761	29402
SCIENCE IN SERV OF MAN																		
GRAND TOTAL		2114.5	4947.5	24121	2932	7622	8211	0	1237	612	44734	10911	58076	192115	10947	20338	18467	355589

TABLE IV-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE — IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YRS SUPPORT SYS	STAFF-YRS OTHER	MATH /REF	SCIN STEN	SP GT	COMP GT	EVNS ALLN	ANSL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	1132	340.5	1061.7	6834	315	802	0	0	0	0	7951	3029	5957	33637	2211	4804	5644	63234
0200 WATER	686	196.1	518.7	2965	124	222	0	0	0	0	3311	1350	3277	17728	706	2247	4738	33358
0300 WATERSHEDS RIVER BAS	124	35.0	68.4	584	202	67	0	0	0	0	854	239	397	2922	74	199	610	5296
0400 AIR AND CLIMATE	121	42.5	109.5	705	16	11	0	0	0	0	732	185	2104	3192	126	140	397	6876
0500 RECREATION RESOURCES	90	26.8	56.3	348	147	0	0	0	0	0	495	191	352	2094	85	341	362	3919
0600 TIMBER FORST PRODUCT	997	370.9	958.7	2288	7126	1584	1465	0	0	2	12465	4375	3536	34300	988	5430	4522	65617
0700 RANGE	270	107.0	224.4	1640	92	388	0	0	0	0	2119	202	3220	8227	1121	341	625	15855
0800 WILDLIFE AND FISH	623	214.8	774.9	1940	708	1593	80	0	95	0	4416	585	7175	20271	1610	2961	7272	44289
0900 CITRUS SUB TROP FRUT	271	113.7	334.0	1213	0	651	69	0	0	0	1933	835	547	13936	154	1013	298	18716
1000 FRUIT NUTS DECIDUOUS	984	343.5	1220.8	8275	14	1907	4	0	0	0	10200	749	1014	40707	1802	4209	3455	62136
1100 POTATOES	329	93.6	329.6	2145	0	1248	193	0	0	0	3586	1021	701	9150	560	1362	975	17355
1200 VEGETABLES	1329	428.8	1419.8	9436	0	1746	566	0	0	0	11748	809	3639	48112	1743	4044	2723	72818
1300 ORNAMENTALS TURF	555	204.9	600.3	4766	5	111	34	0	0	0	4916	214	317	23153	659	2924	1300	33482
1400 CORN	930	207.5	722.8	5477	0	379	508	0	0	2	6366	899	3607	21344	1663	4688	1434	40001
1500 GRAIN SORGHUM	317	64.3	239.7	994	0	5	31	0	0	0	1030	177	2172	6165	979	596	1397	12516
1600 RICE	148	51.5	154.0	668	0	79	77	0	0	0	824	232	980	5534	369	1469	885	10292
1700 WHEAT	708	206.7	585.1	3292	0	994	292	0	0	0	4578	1048	3416	18231	1564	2842	1668	33347
1800 OTHER SMALL GRAINS	390	89.0	254.9	1829	0	116	174	0	0	0	2119	420	1468	8498	666	1834	579	15584
1900 PASTURE	129	27.6	119.1	989	5	95	0	0	0	0	1088	105	87	2905	326	99	117	4727
2000 FORAGE CROPS	859	225.9	714.0	6578	0	634	182	0	0	0	7394	1013	1245	24569	2241	1700	899	39060
2100 COTTON	333	104.0	360.9	2091	0	152	36	0	0	0	2278	296	320	11954	902	1524	965	18240
2200 COTTONSEED	8	1.0	3.3	17	0	0	0	0	0	0	17	4	0	140	6	34	7	207
2300 SOYBEANS	857	209.8	709.5	4842	0	751	414	0	0	0	6007	667	924	22493	1441	4195	2643	38370
2400 PEANUTS	133	41.6	189.7	554	0	0	0	0	0	0	555	71	652	5408	213	428	645	7973
2500 OTHER OILSEED CROPS	124	30.3	81.8	481	0	108	0	0	0	0	590	346	324	2698	215	525	362	5059
2600 TOBACCO	151	55.0	208.9	1154	0	22	0	0	0	0	1176	34	104	9297	325	316	845	12096
2700 SUGAR CROPS	125	40.9	181.1	1124	0	113	30	0	0	0	1267	33	49	4461	275	611	85	6780
2800 MISC NEW CROPS	166	39.6	128.4	953	0	585	0	0	0	44	1581	152	915	3481	148	634	369	7280
2900 POULTRY	643	223.1	875.0	6483	0	352	448	0	403	0	7687	347	1052	29693	2395	2633	2026	45832
3000 BEEF CATTLE	1243	388.7	1661.8	10329	14	1370	1231	0	1100	0	14044	2553	2565	53845	17027	3293	1786	95114
3100 DAIRY CATTLE	1077	304.5	1368.9	9385	0	987	744	0	873	0	11989	908	2744	41839	8502	6488	3022	75491
3200 SWINE	591	172.3	679.9	5371	0	445	921	0	393	0	7130	636	857	22746	5922	1929	2698	41918
3300 SHEEP AND WOOL	330	77.4	285.6	2011	0	211	344	0	202	0	2769	634	963	9834	1871	490	437	16998
3400 OTHER ANIMALS	335	88.8	314.7	1775	0	185	216	0	417	0	2592	109	3263	9757	740	1040	531	18033
3500 BEES AND HONEY	33	10.5	29.2	107	0	27	30	0	0	0	164	46	84	1324	192	83	39	1931
3600 FARM SUPP & FACILITS	87	29.6	93.8	621	1	10	0	0	0	0	633	208	219	2673	372	521	357	4984
3700 CLOTHING & TEXTILES	76	17.3	45.8	409	0	0	0	0	0	0	409	49	173	1685	59	72	31	2478
3800 FOOD	416	152.4	475.0	3875	0	481	292	0	0	0	4648	745	3524	14658	381	3238	1267	28461
3900 HOUSING & EQUIP	155	42.1	118.2	1053	82	22	0	0	0	0	1158	112	125	4191	190	339	374	6488
4000 PEOPLE AS INDIVIDUAL	510	144.1	466.7	2519	32	123	130	0	0	0	2804	300	3008	11910	826	1394	1398	21640
4100 FAMILY MEMBERS	248	62.9	123.6	1346	0	17	0	0	0	0	1363	115	1079	4645	118	453	483	8255
4200 FARM AS BUSINESS	211	83.5	162.6	1705	0	55	0	0	0	0	1760	322	178	6258	313	206	538	9575
4300 SOC POLIT ORGANIZ	335	108.9	236.2	2819	10	300	0	0	0	0	3129	421	1940	7650	249	930	840	15159
4400 AGRIC ECONOMY U S	144	48.7	118.5	1038	0	201	0	0	0	0	1238	325	129	4721	180	226	596	7415
4500 AGRIC ECONOMY FORGN	34	27.5	45.2	113	0	91	0	0	0	0	205	122	3756	1159	48	398	547	6235
4600 FARM COOPERATIVES	28	6.7	13.8	98	0	0	0	0	0	0	98	82	14	565	37	30	27	853
4700 OTH MARKET PROCESS	31	4.2	13.9	86	0	0	0	0	0	0	86	14	31	332	9	44	11	527
4800 MARKETING SYSTEMS	86	27.3	65.8	586	0	68	0	0	0	0	653	156	107	2151	67	79	309	3521
6100 WEEDS	126	30.0	103.3	712	0	121	76	0	0	0	910	72	209	3389	89	744	386	5760
6200 SEED RESEARCH	59	26.9	91.5	290	0	0	5	0	0	0	295	46	240	1637	1676	151	869	4915
6300 BIO CELL SYSTEMS	284	115.9	460.2	1399	7	83	146	0	7	0	1641	287	9271	9596	519	1780	699	23794
6400 EXP DESIGN/STAT METH	108	42.2	88.3	313	0	2	8	0	0	0	323	863	731	3352	318	270	620	6477
6500 INVERTEBRATES	439	151.5	397.8	2246	127	101	2011	0	36	0	4520	487	3557	13444	319	1026	572	23926
6600 MICROORGANISMS VIRUS	481	141.4	496.0	2262	45	424	2885	0	53	0	5670	692	6519	13424	313	1878	935	29430
6700 PLANTS	830	288.0	864.4	4131	12	1244	3003	0	0	0	8390	2221	9228	27263	1236	2845	2729	53912
6800 ANIMALS(VERTEBRATES)	393	131.6	418.4	2198	13	458	109	0	109	0	2887	430	7929	12726	987	1256	814	27029
6900 RESEARCH ON RSCH EQM	54	57.8	160.1	831	0	64	0	0	0	0	895	104	91	7772	235	427	72	9596
7000 RSCH EQUIP & TECHNOL	135	39.1	104.6	574	55	3	70	0	0	0	702	329	2467	3388	59	312	379	7635
9900 UNCLASSIFIED	2	0.0	13.0	19	0	0	0	0	0	0	19	0	354	268	0	1273	0	1914
TOTAL		6957.5	22722.4	140885	9153	21810	16824	0	3688	48	192408	33018	114907	732501	68418	87357	71171	1299780

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	MATH /RRP	MCIN STEM	SP GT	COMP GT	EVNS ALLN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	225	73.0	217.0	1304	34	36	0	0	0	0	1374	746	1204	7198	433	1159	1799	13913
102 SOIL PLNT WTR NUTRI	828	271.6	844.5	5319	524	505	134	0	0	0	6482	1943	4538	26863	2249	3029	3605	48710
103 MGMT OF SALINE SOILS	81	18.0	81.9	306	2	6	1	0	0	0	315	41	169	2921	88	392	57	3982
104 ALTERN USE OF LAND	143	32.0	74.0	582	15	220	0	0	0	0	817	200	379	2635	69	90	644	4833
105 CONSERV USE OF WATER	330	93.4	266.4	1616	88	101	0	0	0	41	1846	488	1072	8994	564	1040	915	14920
106 DRAIN AND IRRIGATION	150	55.3	118.0	868	2	125	0	0	0	0	995	280	284	4552	193	167	2632	9104
107 WATERSHED PROT & MGM	150	46.3	122.9	824	185	269	0	0	0	0	1278	657	679	4016	350	436	902	8319
108 ECON LEG PROB OF WAT	70	20.2	43.3	273	0	0	0	0	0	0	273	130	280	1761	25	101	69	2641
109 WEATHER ADAPT & MOD	147	52.5	118.4	954	6	44	0	0	0	0	1004	324	2273	3720	135	140	443	8039
110 APPRAIS FORST & RANG	114	35.1	71.0	207	500	12	0	0	0	0	720	100	1553	2217	178	121	272	5161
111 BIOL CULT MGMT FORST	281	99.3	275.5	235	2274	107	364	0	0	0	2980	1479	731	9581	327	1793	965	17856
112 IMPROV RANGE RESOR	186	62.2	145.0	1079	58	236	0	0	0	0	1373	94	1215	5960	805	183	296	9927
113 REMOTE SENSING	63	14.2	54.5	177	91	4	0	0	0	0	273	56	595	1530	55	104	228	2842
114 RSCH ON MGMT OF RSCH	54	57.8	160.1	831	0	64	0	0	0	0	895	104	91	7772	235	427	72	9596
SUBTOTAL		930.8	2592.7	14576	3780	1729	499	0	0	41	20625	6642	15065	89722	5708	9181	12900	159843
SERIES 200																		
201 CNTRL FORST INSECTS	146	38.3	97.7	568	674	30	875	0	0	0	2148	420	234	3164	98	131	301	6496
202 CONTROL FOREST DIS	105	27.0	57.9	462	475	4	153	0	0	0	1096	180	105	2286	31	273	200	4171
203 FOREST FIRE PROTECT	8	2.7	4.9	3	49	0	0	0	0	0	52	2	12	251	0	5	33	356
204 CNTR PESTS FRT & VEG	479	138.6	518.9	3058	0	1009	155	0	0	0	4222	391	1117	15746	590	1744	1108	24918
205 CNTR DISE FRT & VEG	726	236.5	785.1	4576	14	1755	128	0	0	0	6472	1307	1026	26279	860	2835	1579	40357
206 CNTR WEEDS FRT & VEG	165	35.8	118.0	917	0	142	0	0	0	0	1059	86	262	4359	177	516	178	6637
207 CNTR PESTS FLD CROPS	640	201.1	651.8	4691	0	1225	429	0	0	0	6345	973	1742	19365	955	2545	1534	33459
208 CNTR DIS FIELD CRCPS	716	224.8	702.4	4746	0	1221	407	0	0	0	6374	764	1991	22964	695	3222	2694	38705
209 CNTR WEEDS FLD CRCPS	334	114.7	376.7	2821	0	273	1	0	0	1	3097	603	554	11719	957	3118	1502	21550
210 CONTR PESTS ANIMALS	159	41.8	122.0	926	11	215	15	0	267	0	1434	129	282	3714	343	378	303	6582
211 CONTR DIS ANIMALS	801	271.8	820.2	4422	7	2436	861	0	2282	0	10008	1205	3982	32824	2966	2863	1946	55793
212 CNTR INTER PARASITES	96	32.0	86.3	788	0	165	7	0	79	0	1039	34	247	3116	325	466	261	5488
213 PROT ANMLS FROM TOXI	109	34.1	122.7	583	0	41	102	0	246	0	972	48	545	3608	277	429	495	6373
214 PROTECT FROM POLLUTI	202	62.6	189.9	1211	230	669	75	0	10	0	2195	1237	2714	6058	208	613	759	13783
SUBTOTAL		1461.9	4654.4	29772	1460	9186	3208	0	2884	1	46512	7379	14811	155454	8481	19138	12892	264668
SERIES 300																		
301 GENET BREED FORST TR	83	32.5	79.7	168	617	2	128	0	0	0	915	130	419	2845	43	994	641	5987
302 IMP FOREST ENG SYS	35	10.8	24.9	38	200	212	52	0	0	0	502	72	32	1029	33	122	87	1876
303 ECON TIMBER PRODUCTN	59	17.6	45.9	35	502	7	0	0	0	0	544	130	45	2327	56	177	205	3484
304 IMP BIO EFF FRT & VE	992	336.8	1216.9	7313	0	1216	746	0	0	0	9275	1200	1799	41653	2092	3284	2347	61651
305 MECH PROD FRT & VEGS	92	22.2	64.4	774	0	5	0	0	0	0	779	31	84	3053	60	307	102	4416
306 PROD MGMT SYS F & V	118	23.0	78.3	464	0	261	0	0	0	0	725	37	86	2493	148	508	102	4099
307 IMP BIO EFF FLD CRP	1346	541.4	1894.2	11147	0	734	1470	0	0	1	13353	2237	5789	62098	6693	8148	4784	103100
308 MECH PROD FIELD CROP	100	29.7	70.9	715	0	56	0	0	0	0	771	68	94	3232	103	270	234	4772
309 PROD MGMT SYS FLD CR	371	90.2	250.1	1935	0	180	1	0	0	0	2116	208	262	9377	1123	933	649	14668
310 ANIMAL REPRODUCTION	513	179.4	808.2	5669	0	290	1695	0	288	0	7942	1417	3298	25907	6190	1931	892	47577
311 IMP BIO EFF ANML PR	1115	439.3	2234.0	14376	0	278	967	0	365	0	15987	1782	3392	67774	20619	6261	4401	120217
312 ENV STRESS IN ANML P	179	50.1	180.3	1545	0	19	2	0	13	0	1579	24	633	5922	1180	423	155	9916
313 PROD MGMT SYS ANML P	289	63.9	286.2	1967	0	79	0	0	8	0	2055	109	33	9216	2800	337	725	15274
314 BEES OTH POLLNTNG IN	33	10.5	29.2	107	0	27	30	0	0	0	164	46	84	1324	192	83	39	1931
315 IMP STRUC FARM SUPP	104	40.2	131.2	877	0	0	0	0	0	0	877	152	149	4121	433	464	406	6602
316 FARM BUSINESS MGMT	158	63.1	129.8	1314	0	55	0	0	0	0	1369	279	156	4646	278	134	410	7273
317 MECH/STRUCTS ANML PR	34	6.4	19.1	156	0	0	0	0	0	0	156	0	0	918	81	52	101	1309
318 NON COM BIO TECH/EIN	1407	539.2	1853.4	6865	57	259	6670	0	7	0	13858	1743	28870	48742	2665	6209	3496	105583
SUBTOTAL		2496.4	9396.7	55466	1376	3681	11762	0	681	1	72966	9665	45225	296677	44789	30634	19775	519733
SERIES 400																		
401 NEW IMP FOREST PRCD	143	67.3	179.7	155	958	1183	326	0	0	2	2624	475	592	6092	171	919	1398	12270
402 PROD F & V IMP ACCEP	275	51.6	180.8	948	0	435	0	0	0	0	1384	190	323	6678	283	689	436	9984
403 NEW & IMP F & V PROD	168	52.2	175.5	979	0	109	0	0	0	0	1088	43	199	5944	165	842	511	8791
404 MKT QUAL FRTS & VEGS	166	57.3	169.5	1467	0	155	0	0	0	0	1621	41	64	6246	177	773	421	9343
405 PROD FLD CROP IMP AC	265	96.6	346.6	1850	0	139	16	0	0	0	2005	658	2607	8750	615	1987	1501	18123
406 NEW IMP FOOD FLD CRO	116	40.6	137.4	863	0	0	0	0	0	0	863	85	773	3771	225	650	817	7183
407 NEW IMP NON FOOD FC	77	29.0	106.2	533	0	248	0	0	0	2	783	43	239	2731	263	363	370	4793
408 MKT QUAL FIELD CRCPS	80	23.2	59.6	619	0	1	0	0	0	0	620	8	324	2344	38	359	107	3799
409 PROD ANML PR IMP ACC	143	42.2	162.0	1356	0	277	4	0	1	0	1638	216	283	5299	1201	699	404	9739
410 IMP MEAT MILK EGG PR	237	81.8	324.2	2168	0	0	84	0	0	0	2252	180	549	8101	1015	1727	1180	15003
411 IMP NON FOOD ANML PR	16	3.0	7.5	71	0	0	0	0	0	0	71	1	6	387	11	76	20	572
412 MKT QUAL ANIMAL PROD	81	19.7	58.9	561	0	0	0	0	0	0	561	3	43	2430	61	400	157	3654
SUBTOTAL		564.5	1907.8	11569	958	2547	430	0	1	5	15509	1942	6001	58773	4226	9483	7321	103255
SERIES 500																		
501 IMP GRADES & STANDS	44	10.0	27.9	342	0	90	0	0	3	0	435	42	14	823	17	170	107	1609
502 MKTG TIMBER PRODUCTS	34	6.1	10.7	40	141	0	0	0	0	0	181	118	46	449	2	36	25	856
503 MKTG EFF AGRI PRODS	147	42.3	82.0	914	0	127	0	0	0	0	1041	159	845	2827	94	337	300	5604
506 SPLY DEMAND AND PRIC	182	59.3	132.5	1495	0	168	0	0	0	0	1663	307	175	5024	197	195	421	7982
507 COMP REL IN AGRIC	46	10.8	25.8	302	0	58	0	0	0	0	360	73	5	818	45	45	61	1408
508 DOMESTIC MKT DEVELP	47	10.9	20.7	223	0	17	0	0	0	0	240	26	22	882	33	126	188	1516
509 PERFORMANCE MKTG SYS	147	48.6	112.9	1292	0	78	0	0	0	0	1370	399	122	4306	78	157	352	6784
510 GROUP ACT MKT POWER	22	5.3	11.9	67	0	22	0	0	0	0	89	78	14	482	22	22	26	732
511 IMP AGRIC STATISTICS	30	9.4	15.4	121	0	0	0	0	0	0	121	768	49	603	10	104	118	1772
512 IMP GRADES FRST PROD	8	1.1	3.8	3	26	0	0	0	0	0	28	45	5	144	37	29	9	297
513 PRICE ANAL FRST PROD	20	3.8	9.9	64	60	0	0	0	0	0	124	165	12	291	4	19	20	635
SUBTOTAL		207.7	453.5	4862	226	559	0	0	3	0	5651	2181	1310	16648	539	1238	1628	29196
SERIES 600																		
601 FGN MKT DEVELP	72	34.6	65.2	417	13	142	0	0	0	0	573	299	2342	2238	29	139	976	6596
602 EVAL FGN FOOD AID PG	3	0.7	1.2	5	0	0	0	0	0	0	5	32	3	32	0	21	0	93
603 TECH AID DEV CRTY	50	30.8	76.1	74	0	152	0	0	0	0	226	138	6994	1132	64	475	526	9555
604 PRD DVLPMT/MKTG FGN	27	9.3	20.0	85	35	10	0	0	0	0	130	50	174	624	16	63	366	1423
SUBTOTAL		75.5	162.4	582	48	304	0	0	0	0	934	519	9514	4025	109	697	1868	17667

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	MATH /REP	SCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	128	52.1	123.9	1108	0	1227	0	0	11	0	2346	661	1635	3496	91	311	311	8851
702 FOOD PROT FROM TOI	169	67.3	206.3	1673	0	54	49	0	19	0	1795	128	2827	6333	187	1356	480	13106
703 FOOD CONSUMP HABITS	106	30.8	54.4	717	0	50	0	0	0	0	767	156	360	2048	78	296	129	3833
704 HOME COMM FOOD SERV	38	7.9	18.1	347	0	0	0	0	0	0	347	0	26	751	36	32	50	1241
705 SKL CARE CLOTH & TEX	61	12.7	33.2	261	0	0	0	0	0	0	261	22	35	1282	44	61	25	1730
706 CONTR INSECTS AFF HA	107	37.0	97.3	733	24	21	15	0	0	0	793	48	449	3696	91	350	279	5707
707 TRANS ANIML MAN DIS	26	10.9	78.7	58	0	0	0	0	0	0	58	103	230	461	139	347	351	1688
708 HUMAN NUTRITION	361	122.6	476.9	2640	0	90	774	0	0	0	3504	580	5223	10743	627	2007	1073	23758
709 REDUCE HAZ HLTH & SF	63	9.4	27.0	232	0	5	0	0	0	0	237	9	274	1158	18	115	53	1866
SUBTOTAL			1115.7		24		838		30		10107		11058		1312		2752	
		350.8		7768		1446		0		0		1707		29969		4875		61779
SERIES 800																		
801 RURAL HOUSING	49	9.5	21.5	234	0	0	0	0	0	0	234	1	19	804	27	31	81	1196
802 INDIV & FAM DEC MAKI	185	42.5	80.8	682	0	17	0	0	0	0	699	15	389	3185	144	217	231	4880
803 RURAL POVERTY	22	4.1	17.4	81	0	17	0	0	0	0	98	13	9	263	43	23	10	459
804 ECON POTENT RURL REG	68	14.1	19.9	334	8	21	0	0	0	0	363	1	66	1060	23	13	41	1566
805 COMMUNICAT EDUC PROC	96	32.1	73.1	288	22	7	0	0	0	0	317	49	284	3099	89	48	254	4140
806 ADJUSTMENT TO CHANGE	186	51.7	111.4	1343	0	17	0	0	0	0	1360	79	523	3569	140	494	355	6519
807 AGRIC ECONOMIC CHANG	158	49.5	102.6	1043	0	100	0	0	0	0	1143	134	99	4003	126	630	584	6718
808 GOVT PROGRAMS	55	18.6	48.7	498	0	43	0	0	0	0	541	50	84	1625	36	51	386	2774
SUBTOTAL			475.3		29		0		0		4754		1472		626		1941	
		222.0		4503		222		0		0		341		17609		1508		28252
SERIES 900																		
901 ALLEV POLLUTION	421	144.0	413.9	2928	135	461	0	0	0	0	3524	1215	2655	13187	362	3063	1391	25397
902 OUTDOOR RECREATION	91	26.9	57.0	355	106	0	0	0	0	0	461	253	392	1966	82	219	304	3678
903 MULTI USE FOREST POT	70	13.4	39.1	60	305	0	0	0	0	0	364	50	322	1192	34	133	281	2377
904 WLDLFE AND FISH ECOL	521	177.6	681.8	1487	624	1298	54	0	89	0	3551	503	6066	17569	1351	2697	6562	38300
905 TREES BEAUTIFICATION	83	19.0	48.4	259	66	2	34	0	0	0	360	43	64	2029	79	267	52	2895
906 ORNAMENT & TURF DIV	526	192.8	566.0	4452	5	109	0	0	0	0	4566	206	300	22050	602	2712	1241	31676
907 RURAL INCOME INF	101	34.6	63.0	924	9	86	0	0	0	0	1019	116	174	2281	28	141	158	3917
908 RURAL INSTITUT INF	152	39.7	81.6	1304	0	180	0	0	0	0	1484	255	122	3082	90	97	104	5235
990 UNCLASSIFIED	2	0.0	13.0	19	0	0	0	0	0	0	19	0	354	268	0	1273	0	1914
SUBTOTAL			1963.8		1251		88		89		15350		10450		2628		10094	
		647.9		11787		2135		0		0		2641		63624		10602		115388
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			22722.4		9153		16824		3688		192408		114907		68418		71171	
		6957.5		140885		21810		0		48		33018		732501		87357		1299780

TABLE IV-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /REP	SCIN STEM	SP GT	COMP GT	EVNS ALLN	ANMI HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	60	9.6	22.5	0	78	0	17	0	0	0	95	105	435	403	0	107	254	1399
0200 WATER	24	5.8	12.6	0	44	0	0	0	0	0	44	56	231	339	3	32	105	810
0300 WATERSHEDS RIVER BAS	26	3.7	10.2	0	37	0	0	0	0	0	37	4	225	225	13	43	147	695
0400 AIR AND CLIMATE	11	1.1	3.6	0	0	0	0	0	0	0	0	21	131	48	0	15	64	279
0500 RECREATION RESOURCES	35	7.1	12.2	0	144	0	0	0	0	0	144	34	144	341	13	9	93	776
0600 TIMBER FORST PRODUCT	427	157.1	324.7	0	1970	813	316	0	0	0	3098	1864	2013	11609	424	2365	2427	23800
0700 RANGE	9	4.6	4.5	0	36	0	0	0	0	0	36	5	7	300	9	8	17	382
0800 WILDLIFE AND FISH	90	14.5	39.4	0	256	0	0	0	0	0	256	158	656	911	13	124	319	2436
1000 FRUIT NUTS DECIDUOUS	1	0.0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
1300 ORNAMENTALS TURF	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
2000 FORAGE CROPS	1	0.0	0.1	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
3900 HOUSING & EQUIP	1	0.5	0.2	0	0	0	0	0	0	0	0	0	0	18	0	5	1	24
4000 PEOPLE AS INDIVIDUAL	3	0.2	0.2	0	0	0	0	0	0	0	0	0	0	8	0	0	15	23
4300 SOC POLIT ORGANIZ	4	0.9	1.5	0	35	0	0	0	0	0	35	0	1	45	0	0	2	82
6100 WEEDS	2	0.2	0.4	0	0	0	9	0	0	0	9	0	0	0	0	0	9	19
6300 BIO CELL SYSTEMS	3	1.8	1.0	0	0	0	0	0	0	0	0	0	0	101	0	32	42	175
6400 EXP DESIGN/STAT METH	1	0.1	0.0	0	4	0	0	0	0	0	4	0	0	2	0	0	0	6
6500 INVERTEBRATES	4	0.6	2.1	0	9	0	0	0	0	0	9	0	24	56	0	14	0	103
6600 MICROORGANISMS VIRUS	10	1.9	2.8	0	39	0	0	0	0	0	39	53	62	97	0	0	34	286
6700 PLANTS	8	4.0	4.0	0	0	0	31	0	0	0	31	6	71	122	0	69	48	346
6800 ANIMALS (VERTEBRATES)	2	1.7	1.1	0	0	0	0	0	0	0	0	0	82	35	0	6	0	123
6900 RESEARCH ON RSCH MGH	1	0.3	1.4	0	23	0	0	0	0	0	23	0	0	16	0	0	3	42
7000 RSCH EQUIP & TECHNOL	12	2.3	2.9	0	23	0	0	0	0	0	23	35	110	78	0	1	30	277
TOTAL		218.0	447.7	0	2699	813	373	0	0	0	3885	2344	4191	14753	475	2829	3618	32095

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	MATH /REP	SCIN STEM	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	12	1.8	4.0	0	5	0	0	0	0	0	5	36	178	67	0	0	90	375
102 SOIL PLNT WTR NUTRI	52	12.9	32.7	0	119	0	17	0	0	0	136	156	772	849	0	182	338	2434
104 ALTERN USE OF LAND	6	0.8	1.2	0	9	0	0	0	0	0	9	11	2	39	0	0	50	111
105 CONSERV USE OF WATER	5	0.5	1.2	0	22	0	0	0	0	0	22	0	3	17	0	0	5	47
107 WATERSHED PROT & MGM	17	5.0	12.0	0	79	0	0	0	0	0	79	33	122	319	3	19	72	647
108 ECON LEG PROB OF WAT	2	0.8	2.0	0	0	0	0	0	0	0	0	0	94	3	0	0	0	97
109 WEATHER ADAPT & MOD	11	1.9	3.0	0	39	0	0	0	0	0	39	6	128	41	0	0	34	248
110 APPRAIS FORST & RANG	28	5.3	8.1	0	98	0	0	0	0	0	98	13	45	306	0	16	181	659
111 BIOL CULT MGMT FOREST	125	49.1	111.1	0	684	0	98	0	0	0	782	999	526	3760	410	488	633	7597
112 IMPROV RANGE RESOR	7	4.5	3.7	0	36	0	0	0	0	0	36	5	7	294	9	8	6	365
113 REMOTE SENSING	13	1.4	4.0	0	26	0	0	0	0	0	26	11	155	88	0	0	0	279
114 RSCH ON MGMT OF RSCH	1	0.3	1.4	0	23	0	0	0	0	0	23	0	0	16	0	0	3	42
SUBTOTAL			184.4		1141		115		0		1255		2031		422		1412	
		84.3		0		0		0		0		1269		5798		713		12900
SERIES 200																		
201 CNTRL FORST INSECTS	27	5.3	15.4	0	92	0	3	0	0	0	95	103	108	466	0	6	37	816
202 CONTROL FOREST DIS	33	7.2	16.2	0	188	0	26	0	0	0	214	151	0	478	0	6	89	938
203 FOREST FIRE PROTECT	8	1.2	2.3	0	4	0	0	0	0	0	4	31	81	42	0	0	21	179
209 CNTR WEEDS FLD CROPS	2	0.1	0.2	0	0	0	1	0	0	0	1	0	0	6	0	0	0	7
214 PROTECT FROM POLLUTI	17	7.6	13.8	0	25	1	0	0	0	0	26	17	255	371	0	153	283	1106
SUBTOTAL			48.0		310		30		0		340		445		1		431	
		21.4		0		1		0		0		302		1362		165		3046
SERIES 300																		
301 GENET BREED FORST TR	28	11.4	25.6	0	133	0	0	0	0	0	133	161	239	986	1	325	248	2093
302 IMP FOREST ENG SYS	11	5.8	12.2	0	67	316	0	0	0	0	383	23	37	500	0	0	77	1021
303 ECON TIMBER PRODUCTN	18	4.8	10.2	0	34	80	0	0	0	0	114	21	25	536	0	0	4	699
318 NON COM BIO TECH/EIM	13	9.2	7.4	0	25	0	99	0	0	0	124	0	141	335	0	36	51	687
SUBTOTAL			55.4		260		99		0		754		441		1		380	
		31.2		0		395		0		0		205		2357		361		4500
SERIES 400																		
401 NEW IMP FOREST PRCD	70	40.0	67.8	0	319	338	100	0	0	0	757	207	102	2928	0	1185	325	5503
411 IMP NON FOOD ANML PR	1	0.5	0.3	0	27	0	0	0	0	0	27	0	0	0	0	0	0	27
SUBTOTAL			68.1		346		100		0		784		102		0		325	
		40.5		0		338		0		0		207		2928		1185		5530
SERIES 500																		
502 MKTG TIMBER PRODUCTS	7	2.7	5.2	0	18	79	0	0	0	0	97	99	0	79	0	27	49	350
506 SPLY DEMAND AND PRIC	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
512 IMP GRADES FRST PROD	8	1.7	4.8	0	0	0	30	0	0	0	30	0	6	205	0	13	4	258
513 PRICE ANAL FRST PROD	5	1.3	1.1	0	43	0	0	0	0	0	43	0	0	46	0	8	6	103
SUBTOTAL			11.1		61		30		0		170		6		0		59	
		5.7		0		79		0		0		99		330		48		712
SERIES 600																		
601 FGN MKT DEVELP	3	0.6	0.2	0	0	0	0	0	0	0	0	5	6	27	0	0	2	41
603 TECH AID DEV CNTY	2	1.2	0.0	0	0	0	0	0	0	0	0	0	4	55	0	0	248	306
604 PRD DVLPMT/MKTG FRGN	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
SUBTOTAL			0.2		0		0		0		0		10		0		250	
		1.8		0		0		0		0		5		82		0		348
SERIES 700																		
702 FOOD PROT FROM TOX	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	3	0	0	13	17
707 TRANS ANIML HAN DIS	1	0.0	0.1	0	0	0	0	0	0	0	0	0	0	2	0	0	9	12
708 HUMAN NUTRITION	1	0.1	0.0	0	3	0	0	0	0	0	3	0	0	2	0	0	0	5
709 REDUCE HAZ HLTH & SF	1	0.1	0.0	0	0	0	0	0	0	0	0	0	0	3	0	0	5	8
SUBTOTAL			0.1		3		0		0		3		0		0		28	
		0.2		0		0		0		0		0		11		0		42
SERIES 800																		
804 ECON POTENT RURL PEO	1	0.4	0.8	0	29	0	0	0	0	0	29	0	0	32	0	0	0	61
806 ADJUSTMENT TO CHANGE	1	0.0	0.1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3
SUBTOTAL			0.9		29		0		0		29		0		0		0	
		0.4		0		0		0		0		0		35		0		64
SERIES 900																		
901 ALLEV POLLUTION	30	8.6	19.7	0	5	0	0	0	0	0	5	47	434	420	0	211	247	1364
902 OUTDOOR RECREATION	30	7.3	11.9	0	167	0	0	0	0	0	167	20	144	359	0	9	120	819
903 MULTI USE FOREST POT	26	3.2	8.0	0	92	0	0	0	0	0	92	23	42	141	51	0	22	371
904 WLDLFE AND FISH ECOL	82	12.7	38.9	0	274	0	0	0	0	0	274	158	536	905	0	138	339	2349
905 TREES BEAUTIFICATION	4	0.1	0.2	0	5	0	0	0	0	0	5	9	0	11	0	0	0	24
906 ORNAMENT & TURF DEV	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
907 RURAL INCOME IMP	1	0.5	0.7	0	6	0	0	0	0	0	6	0	0	12	0	0	0	18
908 RURAL INSTITUT IMP	2	0.0	0.0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2
SUBTOTAL			79.5		549		0		0		549		1156		51		733	
		32.4		0		0		0		0		257		1849		358		4953
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			447.7		2699		373		0		3885		4191		475		3618	
		218.0		0		813		0		0		2344		14753		2829		32095

TABLE IV-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YRS	STAFF OTHER YRS	HATH /RRF	MCIN STEM	SP GT	COMP GT	EVNS ALLN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	12	3.8	8.4	0	0	0	0	382	0	0	382	8	0	6	1	0	0	398
0200 WATER	2	0.3	4.3	0	0	0	0	153	0	0	153	0	0	0	0	0	0	153
0300 WATERSHEDS RIVER BAS	2	2.0	1.4	0	0	0	0	125	0	0	125	0	0	0	0	0	0	125
0400 AIR AND CLIMATE	2	0.5	2.0	0	0	0	0	82	0	0	82	0	0	0	0	0	0	82
0600 TIMBER FORST PRODUCT	3	1.0	3.1	0	0	0	0	162	0	0	162	0	0	9	0	0	0	171
0700 RANGE	1	0.6	1.8	0	0	0	0	97	0	0	97	0	0	0	0	0	0	97
0800 WILDLIFE AND FISH	16	11.5	23.5	0	0	0	0	1255	0	0	1255	0	25	14	0	1	14	1309
0900 CITRUS SUB TROP FRUT	2	0.3	0.9	0	0	0	0	74	0	0	74	0	0	0	0	0	0	74
1000 FRUIT NUTS DECIDUCUS	8	2.6	6.9	0	0	0	0	346	0	0	346	0	0	8	0	0	0	354
1100 POTATOES	1	0.5	0.7	0	0	0	0	45	0	0	45	0	0	0	1	0	0	46
1200 VEGETABLES	33	23.9	56.0	0	0	0	0	2640	0	0	2640	0	0	9	2	0	0	2651
1300 ORNAMENTALS TURF	2	1.7	2.3	0	0	0	0	121	0	0	121	0	0	0	0	0	0	121
1400 CORN	4	1.1	3.1	0	0	0	0	134	0	0	134	0	0	0	1	0	0	135
1500 GRAIN SORGHUM	4	0.7	1.3	0	0	0	0	37	0	0	37	28	9	1	0	0	0	75
1700 WHEAT	4	0.7	1.7	0	0	0	0	79	0	0	79	0	0	1	0	0	0	81
1800 OTHER SMALL GRAINS	2	0.5	0.8	0	0	0	0	85	0	0	85	0	0	7	0	0	0	92
1900 PASTURE	1	0.3	2.3	0	0	0	0	58	0	0	58	0	0	0	0	0	0	58
2000 FORAGE CROPS	13	4.0	7.0	0	0	0	0	325	0	0	325	28	4	15	2	0	0	374
2100 COTTON	1	0.1	0.3	0	0	0	0	9	0	0	9	0	0	0	0	0	0	9
2300 SOYBEANS	23	16.0	37.9	0	0	0	0	1842	0	0	1842	0	0	53	3	0	0	1898
2400 PEANUTS	3	2.5	2.7	0	0	0	0	81	0	0	81	0	113	0	0	0	0	194
2500 OTHER OILSEED CROPS	4	0.5	4.1	0	0	0	0	111	0	0	111	0	4	1	0	0	0	117
2700 SUGAR CROPS	2	0.3	1.0	0	0	0	0	56	0	0	56	0	0	3	0	0	0	59
2800 MISC NEW CROPS	2	0.0	0.0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	2
2900 POULTRY	10	3.1	15.0	0	0	0	0	586	0	0	586	0	0	49	0	0	8	643
3000 BEEF CATTLE	11	2.9	19.7	0	0	0	0	713	0	0	713	0	0	13	28	0	0	754
3100 DAIRY CATTLE	5	3.6	8.6	0	0	0	0	665	0	0	665	0	0	8	0	0	0	674
3200 SWINE	9	6.0	24.6	0	0	0	0	869	0	0	869	0	0	3	34	0	0	906
3300 SHEEP AND WOOL	1	0.5	2.6	0	0	0	0	114	0	0	114	0	0	0	5	0	0	119
3400 OTHER ANIMALS	19	21.8	39.9	0	0	51	0	2318	0	0	2368	0	0	10	0	0	0	2378
3500 BEES AND HONEY	1	0.3	0.7	0	0	0	0	28	0	0	28	0	0	0	0	0	0	28
3700 CLOTHING & TEXTILES	12	3.5	6.3	0	0	0	0	350	0	0	350	0	0	1	0	0	0	351
3800 FOOD	16	6.5	13.3	0	0	0	0	732	0	0	732	0	0	1	1	0	0	733
3900 HOUSING & EQUIP	8	1.8	5.1	0	0	0	0	217	0	0	217	0	0	1	0	0	0	218
4000 PEOPLE AS INDIVIDUAL	36	20.6	47.1	0	0	0	0	2246	0	0	2246	0	0	15	4	0	0	2265
4100 FAMILY MEMBERS	15	7.9	18.5	0	0	0	0	799	0	0	799	0	0	0	8	0	0	807
4200 FARM AS BUSINESS	8	4.7	11.0	0	0	0	0	453	0	0	453	0	0	4	2	0	0	459
4300 SOC POLIT ORGANIZ	20	9.0	23.5	0	0	0	0	998	0	0	998	0	0	32	6	0	0	1037
4400 AGRIC ECONOMY U S	2	0.2	0.0	0	0	0	0	14	0	0	14	0	0	2	0	0	0	16
4700 OTH MARKET PROCESS	3	1.1	1.7	0	0	0	0	95	0	0	95	0	0	0	0	0	0	95
4800 MARKETING SYSTEMS	4	2.7	5.2	0	0	0	0	234	0	0	234	0	0	0	0	0	0	234
6100 NEEDS	1	0.1	0.4	0	0	0	0	31	0	0	31	0	0	0	0	0	0	31
6300 BIO CELL SYSTEMS	2	0.5	1.2	0	0	0	0	111	0	0	111	0	0	5	0	0	0	116
6400 EXP DESIGN/STAT METH	1	0.3	0.3	0	0	0	0	37	0	0	37	0	0	0	0	0	0	37
6500 INVERTEBRATES	2	1.1	0.6	0	0	0	0	62	0	0	62	0	0	0	0	0	0	62
6700 PLANTS	4	0.9	3.4	0	0	0	0	155	0	0	155	0	0	0	1	0	0	155
6800 ANIMALS (VERTEBRATES)	5	3.1	6.5	0	0	0	0	271	0	0	271	0	0	0	1	0	0	272
7000 RSCH EQUIP & TECHNOL	1	0.5	0.9	0	0	0	0	63	0	0	63	0	0	0	0	0	0	63
TOTAL		178.1	429.6	0	0	51	0	20460	0	0	20511	64	155	273	101	1	22	21127

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE — IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /PHYS	SCIN STEM	SP COMP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	1	0.0	0.0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	8
102 SOIL PLNT WTR NUTRI	12	5.1	13.6	0	0	0	0	616	0	0	616	0	0	0	2	0	0	618
104 ALTERN USE OF LAND	3	0.3	1.2	0	0	0	0	37	0	0	37	0	0	0	0	0	0	37
105 CONSERV USE OF WATER	3	3.6	2.9	0	0	0	0	210	0	0	210	0	0	0	0	0	0	210
107 WATERSHED PROT & MGM	1	0.2	1.1	0	0	0	0	41	0	0	41	0	0	0	0	0	0	41
109 WEATHER ADAPT & MOD	5	0.6	2.9	0	0	0	0	110	0	0	110	0	0	0	1	0	0	111
110 APPRAIS FOREST & RANG	1	0.4	1.3	0	0	0	0	73	0	0	73	0	0	0	0	0	0	73
111 BIOL CULT MGMT FOREST	1	0.6	1.1	0	0	0	0	57	0	0	57	0	0	4	0	0	0	60
112 IMPROV RANGE RESOR	1	0.1	0.4	0	0	0	0	24	0	0	24	0	0	0	0	0	0	24
113 REMOTE SENSING	1	1.3	0.2	0	0	0	0	71	0	0	71	0	0	6	0	0	0	77
SUBTOTAL			24.8		0		0		0		1239		0		3		0	
		12.4		0		0		1239		0		8		10		0		1261
SERIES 200																		
204 CNTR PESTS FRT & VEG	3	1.5	1.5	0	0	0	0	134	0	0	134	0	0	0	0	0	0	134
205 CNTR DISE FRT & VEG	8	1.0	1.6	0	0	0	0	110	0	0	110	0	0	0	0	0	0	110
206 CNTR WEEDS FRT & VEG	6	1.2	5.8	0	0	0	0	198	0	0	198	0	0	0	0	0	0	198
207 CNTR PESTS FLD CROPS	8	5.6	11.6	0	0	0	0	488	0	0	488	0	0	1	1	0	0	490
208 CNTR DIS FIELD CROPS	1	0.8	0.0	0	0	0	0	64	0	0	64	0	0	6	0	0	0	70
209 CNTR WEEDS FLD CROPS	1	0.4	0.8	0	0	0	0	41	0	0	41	0	0	0	0	0	0	41
211 CONTR DIS ANIMALS	3	0.9	10.6	0	0	0	0	315	0	0	315	0	0	0	2	0	0	317
213 PROT ANMLS FROM TCXI	1	0.1	0.3	0	0	0	0	19	0	0	19	0	0	0	0	0	0	19
214 PROTECT FROM POLLUTI	4	1.3	4.2	0	0	0	0	226	0	0	226	0	0	0	0	0	0	226
SUBTOTAL			36.4		0		0		0		1594		0		3		0	
		13.0		0		0		1594		0		0		7		0		1605
SERIES 300																		
301 GENET BREED FORST TR	1	0.4	1.0	0	0	0	0	42	0	0	42	0	0	0	0	0	0	42
304 IMP BIO EFF FRT & VE	29	15.2	37.3	0	0	0	0	1671	0	0	1671	0	0	8	0	0	0	1679
306 PROD MGMT SYS F & V	2	0.2	1.8	0	0	0	0	64	0	0	64	0	0	0	0	0	0	64
307 IMP BIO EFF FLD CRP	22	9.9	25.8	0	0	0	0	1270	0	0	1270	0	9	67	2	0	0	1348
309 PROD MGMT SYS FLD CR	5	0.7	2.3	0	0	0	0	56	0	0	56	56	9	3	0	0	0	124
310 ANIMAL REPRODUCTION	10	7.2	24.4	0	0	10	0	816	0	0	826	0	0	0	62	0	0	888
311 IMP BIO EFF ANML PR	27	19.8	56.4	0	0	40	0	3043	0	0	3083	0	0	49	3	0	5	3140
312 ENV STRESS IN ANML P	4	1.8	6.3	0	0	0	0	222	0	0	222	0	0	1	0	0	0	222
313 PROD MGMT SYS ANML P	3	0.1	0.8	0	0	0	0	32	0	0	32	0	0	19	0	0	3	54
314 BEES OTH POLLNTNG IN	1	0.3	0.7	0	0	0	0	28	0	0	28	0	0	0	0	0	0	28
316 FARM BUSINESS MGMT	7	4.0	9.4	0	0	0	0	370	0	0	370	0	0	0	1	0	0	371
318 NCM COM BIO TECH/ELM	2	0.5	1.2	0	0	0	0	111	0	0	111	0	0	5	0	0	0	116
SUBTOTAL			167.5		0		0		0		7775		18		69		8	
		60.2		0		50		7726		0		56		152		0		8078
SERIES 400																		
402 PROD F & V IMP ACCEP	4	2.6	2.7	0	0	0	0	282	0	0	282	0	0	0	0	0	0	282
403 NEW & IMP F & V PROD	5	1.3	2.1	0	0	0	0	171	0	0	171	0	0	8	1	0	0	180
404 MKT QUAL FRTS & VEGS	1	0.6	0.9	0	0	0	0	47	0	0	47	0	0	0	0	0	0	47
405 PROD FLD CROP IMP AC	4	0.9	3.0	0	0	0	0	150	0	0	150	0	0	0	0	0	0	150
406 NEW IMP FOOD FLD CRO	4	1.3	2.9	0	0	0	0	128	0	0	128	0	12	7	0	0	0	146
407 NEW IMP NON FOOD FC	1	0.1	0.3	0	0	0	0	9	0	0	9	0	0	0	0	0	0	9
408 MKT QUAL FIELD CROPS	2	0.5	0.5	0	0	0	0	27	0	0	27	0	6	0	0	0	0	33
409 PROD ANML PR IMP ACC	6	1.6	3.4	0	0	0	0	183	0	0	183	0	0	0	0	0	0	183
410 IMP MEAT MILK EGG PR	5	2.8	4.5	0	0	1	0	270	0	0	270	0	0	0	0	0	0	270
411 IMP NON FOOD ANML PR	1	0.2	0.2	0	0	0	0	15	0	0	15	0	0	0	0	0	0	15
412 MKT QUAL ANIMAL PROD	1	0.0	0.7	0	0	0	0	27	0	0	27	0	12	0	0	0	0	39
SUBTOTAL			21.2		0		0		0		1309		30		1		0	
		11.8		0		1		1308		0		0		15		0		1354
SERIES 500																		
503 MKTG EFF AGRI PRODS	1	0.0	0.2	0	0	0	0	9	0	0	9	0	0	0	0	0	0	9
506 SPLY DEMAND AND PRIC	4	0.6	0.6	0	0	0	0	28	0	0	28	0	0	0	0	0	0	28
507 COMP REL IN AGRIC	1	0.5	0.6	0	0	0	0	21	0	0	21	0	0	0	0	0	0	21
508 DOMESTIC MKT DEVELP	5	1.6	2.9	0	0	0	0	107	0	0	107	0	0	0	0	0	0	107
509 PERFORMANCE MKTG SYS	4	2.2	4.1	0	0	0	0	192	0	0	192	0	0	0	0	0	0	193
510 GROUP ACT MKT POWER	1	0.3	0.0	0	0	0	0	27	0	0	27	0	0	0	0	0	0	27
511 IMP AGRIC STATISTICS	1	0.3	0.3	0	0	0	0	37	0	0	37	0	0	0	0	0	0	37
SUBTOTAL			8.9		0		0		0		422		0		0		0	
		5.5		0		0		422		0		0		0		0		423
SERIES 600																		
603 TECH AID DEV CNTY	2	1.2	0.5	0	0	0	0	0	0	0	0	0	78	0	0	0	0	78
SUBTOTAL			0.5		0		0		0		0		78		0		0	
		1.2		0		0		0		0		0		0		0		78
SERIES 700																		
701 TOX RES IN FOOD	2	0.6	1.5	0	0	0	0	63	0	0	63	0	0	0	0	0	0	63
702 FOOD PROT FROM TOX.	7	1.2	2.6	0	0	0	0	143	0	0	143	0	6	5	0	0	0	154
703 FOOD CONSUMP HABITS	16	4.3	10.9	0	0	0	0	498	0	0	498	0	12	1	2	0	0	512
704 HOME COMM FOOD SERV	1	0.3	1.3	0	0	0	0	27	0	0	27	0	0	0	0	0	0	27
705 SEL CARE CLOTH & TEX	12	3.5	6.3	0	0	0	0	350	0	0	350	0	0	1	0	0	0	351
707 TRANS ANIML MAN DIS	1	0.3	1.8	0	0	0	0	73	0	0	73	0	0	0	0	0	0	73
708 HUMAN NUTRITION	22	12.7	28.1	0	0	0	0	1467	0	0	1467	0	0	9	4	0	0	1480
SUBTOTAL			52.7		0		0		0		2620		17		6		0	
		22.8		0		0		2620		0		0		16		0		2660

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	MATH /REF	SCIN STEM	SP SCI	COMP SCI	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 800																		
801 RURAL HOUSING	13	3.2	8.3	0	0	0	0	384	0	0	384	0	0	1	0	0	0	385
802 INDIV & FAM DEC MAKI	16	6.5	10.7	0	0	0	0	634	0	0	634	0	0	1	1	0	0	636
803 RURAL POVERTY	5	1.8	3.8	0	0	0	0	164	0	0	164	0	0	0	5	0	0	168
804 ECON POTENT RURL PEO	16	8.8	27.6	0	0	0	0	1000	0	0	1000	0	0	13	3	0	0	1016
805 COMMUNICAT EDUC PROC	9	3.1	6.9	0	0	0	0	342	0	0	342	0	0	2	5	0	0	350
806 ADJUSTMENT TO CHANGE	11	5.6	12.9	0	0	0	0	639	0	0	639	0	0	0	0	0	0	639
807 AGRIC ECONOMIC CHANG	6	2.4	5.0	0	0	0	0	260	0	0	260	0	0	10	1	0	0	271
SUBTOTAL			75.1		0		0		0		3423		0		16		0	
		31.6		0		0		3423		0		0		27		0		3466
SERIES 900																		
901 ALLEV POLLUTION	5	1.2	8.5	0	0	0	0	317	0	0	317	0	0	0	1	0	0	319
904 WLDLFE AND FISH ECOL	16	12.1	20.3	0	0	0	0	1181	0	0	1181	0	13	14	0	1	14	1223
905 TREES BEAUTIFICATION	1	0.0	1.0	0	0	0	0	63	0	0	63	0	0	6	0	0	0	69
906 ORNAMENT & TURF DEV	2	1.7	2.3	0	0	0	0	121	0	0	121	0	0	0	0	0	0	121
907 RURAL INCOME IMP	2	0.7	4.0	0	0	0	0	105	0	0	105	0	0	0	1	0	0	107
908 RURAL INSTITUT IMP	5	3.9	6.3	0	0	0	0	339	0	0	339	0	0	27	0	0	0	366
SUBTOTAL			42.4		0		0		0		2127		13		3		14	
		19.6		0		0		2127		0		0		46		1		2204
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			429.6		0		0		0		20511		155		101		22	
		178.1		0		51		20460		0		64		273		1		21127

NATIONAL TOTAL SCHOOLS OF VETERINARY MEDICINE

TABLE IV-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE — IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /REF	SCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0800 WILDLIFE AND FISH	21	8.4	28.4	0	0	60	0	0	27	0	86	76	274	1209	24	11	115	1795
2900 POULTRY	62	27.9	89.6	0	0	235	51	0	140	0	426	46	403	3409	164	366	365	5179
3000 BEEF CATTLE	160	76.3	207.1	0	0	380	161	0	352	0	893	242	5523	3720	2310	396	1631	14716
3100 DAIRY CATTLE	175	45.3	167.6	0	0	152	18	0	388	0	558	203	1678	3231	1203	453	1484	8810
3200 SWINE	131	29.8	91.6	0	0	431	0	0	190	0	620	132	416	3706	57	448	505	5885
3300 SHEEP AND WOOL	45	22.7	66.8	0	0	95	171	0	105	0	371	65	2057	893	317	97	442	4242
3400 OTHER ANIMALS	257	99.3	415.6	0	0	42	41	0	129	0	212	3	7849	6366	1526	1250	3540	20746
3800 FOOD	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4000 PEOPLE AS INDIVIDUAL	11	4.5	17.5	0	0	0	0	0	0	0	0	1	522	284	125	70	36	1039
4100 FAMILY MEMBERS	3	0.1	2.4	0	0	0	0	0	0	0	0	0	0	17	40	4	11	71
6300 BIO CELL SYSTEMS	4	2.5	9.3	0	0	0	33	0	0	0	33	0	215	200	17	0	16	482
6500 INVERTEBRATES	2	0.4	3.3	0	0	0	58	0	0	0	58	0	0	0	0	0	25	82
6600 MICROORGANISMS VIRUS	11	3.3	7.8	0	0	12	42	0	0	0	55	46	56	388	9	12	32	598
6700 PLANTS	1	0.0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6800 ANIMALS(VERTEBRATES)	112	98.5	297.2	0	0	6	6	0	75	0	87	92	8737	7458	534	476	1385	18769
7000 RSCH EQUIP & TECHNOL	3	0.3	1.6	0	0	0	9	0	0	0	9	0	0	50	0	0	0	58
TOTAL		419.4	1406.3	0	0	1413	589	0	1405	0	3407	906	27732	30931	6327	3584	9587	82476

NATIONAL TOTAL SCHOOLS OF VETERINARY MEDICINE

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE — IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /REF	SCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 200																		
210 CONTR PESTS ANIMALS	2	0.0	0.2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
211 CONTR DIS ANIMALS	503	280.6	892.3	0	0	1128	250	0	1019	0	2397	630	11916	23997	4270	2483	6467	52160
212 CNTR INTER PARASITES	24	4.1	14.6	0	0	70	0	0	19	0	89	24	0	451	3	82	50	699
213 PROT ANMLS FROM TOXI	31	46.8	104.6	0	0	68	0	0	88	0	156	3	5494	860	1292	251	1418	9475
214 PROTECT FROM POLLUTI	10	16.4	71.9	0	0	0	0	0	27	0	27	3	3279	624	2	72	143	4149
SUBTOTAL			1083.7		0		250		1154		2669		20689		5567		8079	
		347.8		0		1266		0		0		659		25932		2889		66485
SERIES 300																		
310 ANIMAL REPRODUCTION	52	20.6	102.6	0	0	88	109	0	98	0	294	0	1977	1545	395	73	337	4622
311 IMP BIO EFF ANML PR	91	21.7	87.9	0	0	0	130	0	106	0	236	28	2432	674	86	347	539	4341
312 ENV STRESS IN ANMI P	11	3.6	12.0	0	0	0	0	0	12	0	12	0	397	350	1	47	108	915
313 PROD MGMT SYS ANMI P	2	0.5	1.8	0	0	0	0	0	7	0	7	0	0	12	0	0	42	62
318 NON COM BIO TECH/EIN	31	10.7	54.4	0	0	0	77	0	0	0	77	0	1205	677	62	11	316	2349
SUBTOTAL			258.7		0		316		223		626		6012		543		1342	
		57.2		0		88		0		0		28		3260		478		12288
SERIES 400																		
409 PROD ANML PR IMP ACC	8	0.3	6.3	0	0	0	18	0	2	0	20	1	1	75	20	130	59	306
410 IMP MEAT MILK EGG PR	2	0.3	0.4	0	0	0	6	0	5	0	10	0	0	43	0	0	0	53
412 MKT QUAL ANIMAL PROD	2	0.3	2.8	0	0	0	0	0	0	0	0	0	0	87	0	2	0	90
SUBTOTAL			9.6		0		23		7		30		1		20		59	
		1.0		0		0		0		0		1		205		133		449
SERIES 500																		
511 IMP AGRIC STATISTICS	1	0.1	1.5	0	0	0	0	0	0	0	0	0	0	45	0	0	0	45
SUBTOTAL			1.5		0		0		0		0		0		0		0	
		0.1		0		0		0		0		0		45		0		45
SERIES 600																		
603 TECH AID DEV CNTY	1	1.1	1.1	0	0	0	0	0	0	0	0	0	159	79	0	0	0	238
SUBTOTAL			1.1		0		0		0		0		159		0		0	
		1.1		0		0		0		0		0		79		0		238
SERIES 700																		
701 TOX RES IN FOOD	1	0.3	5.8	0	0	0	0	0	0	0	0	141	75	4	9	0	0	229
702 FOOD PROT FROM TOX	1	0.2	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
707 TRANS ANIML HAN DIS	10	3.8	18.7	0	0	0	0	0	0	0	0	1	452	281	162	74	47	1017
708 HUMAN NUTRITION	1	0.0	0.2	0	0	0	0	0	0	0	0	0	9	1	1	0	0	10
709 REDUCE HAZ HLTH & SF	2	0.8	1.0	0	0	0	0	0	0	0	0	0	62	19	2	0	0	83
SUBTOTAL			26.9		0		0		0		0		598		174		62	
		5.1		0		0		0		0		142		305		74		1355
SERIES 900																		
904 WLDLFE AND FISH ECOL	19	7.1	24.9	0	0	60	0	0	22	0	82	76	274	1105	23	11	45	1615
SUBTOTAL			24.9		0		0		22		82		274		23		45	
		7.1		0		60		0		0		76		1105		11		1615
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			1406.3		0		589		1405		3407		27732		6327		9587	
		419.4		0		1413		0		0		906		30931		3584		82476

TABLE IV-B SUMMARY BY COMMODITY OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	IRS OTHER	HATH /RRF	HCIN STEM	SP GT	COMP GT	EVNS ALLN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	2	0.5	0.5	0	0	96	52	0	0	0	148	0	0	0	0	0	6	154
0200 WATER	2	0.4	0.4	0	0	66	0	0	0	0	66	0	0	0	0	0	4	70
0600 TIMBER FORST PRODUCT	34	5.2	13.1	0	0	0	1323	0	0	213	1536	160	86	6	0	11	88	1887
0700 RANGE	1	0.2	0.8	0	0	9	0	0	0	0	9	0	0	25	0	0	0	35
0800 WILDLIFE AND FISH	4	2.6	0.7	0	0	22	78	0	0	0	100	0	0	97	0	0	0	198
1000 FRUIT NUTS DECIDUOUS	1	0.3	4.0	0	0	0	0	0	0	35	35	0	0	0	0	0	0	35
1100 POTATOES	1	0.0	0.3	0	0	0	59	0	0	0	59	0	0	0	0	0	0	59
1200 VEGETABLES	6	0.9	0.5	0	0	112	108	0	0	0	220	0	4	0	0	0	0	224
1400 CORN	14	0.6	7.7	0	0	0	532	0	0	0	532	7	64	33	0	5	100	741
1500 GRAIN SORGHUM	1	0.0	0.0	0	0	0	0	0	0	0	0	0	26	0	0	0	0	26
1700 WHEAT	2	0.0	0.8	0	0	0	49	0	0	0	49	0	0	0	0	0	0	49
1800 OTHER SMALL GRAINS	7	1.9	3.7	0	0	0	591	0	0	0	591	0	4	0	0	0	0	594
2000 FORAGE CROPS	1	0.1	0.3	0	0	3	0	0	0	0	3	0	0	8	0	0	0	12
2100 COTTON	2	0.2	0.2	0	0	8	0	0	0	0	8	0	0	0	0	0	0	8
2300 SOYBEANS	8	3.0	15.0	0	0	0	435	0	0	0	435	0	5	0	0	0	0	440
2600 TOBACCO	1	0.2	0.7	0	0	0	43	0	0	0	43	0	69	0	0	0	0	112
2900 POULTRY	11	2.6	5.9	0	0	0	382	0	0	0	382	58	0	0	0	0	6	446
3000 BEEF CATTLE	15	2.1	12.3	0	0	32	727	0	0	0	758	0	13	62	0	0	341	1174
3100 DAIRY CATTLE	5	0.9	2.2	0	0	0	105	0	0	86	191	0	0	0	0	0	0	191
3200 SWINE	5	1.2	4.5	0	0	0	240	0	0	0	240	0	0	0	0	0	0	240
3300 SHEEP AND WOOL	1	0.0	0.0	0	0	0	50	0	0	0	50	0	0	0	0	0	0	50
3400 OTHER ANIMALS	7	0.5	6.6	0	0	0	317	0	0	0	317	0	0	11	0	0	0	329
3600 FARM SUPP & FACILITS	1	0.0	1.1	0	0	0	18	0	0	0	18	0	0	0	0	0	0	18
3800 FOOD	3	1.5	1.7	0	0	0	25	0	0	159	184	0	0	0	0	0	0	184
4000 PEOPLE AS INDIVIDUAL	2	0.0	0.2	0	0	0	9	0	0	0	9	0	0	0	0	0	0	9
4300 SOC POLIT ORGANIZ	2	1.2	1.4	0	0	0	0	0	0	180	180	0	0	0	0	0	0	180
4400 AGRIC ECONOMY U S	1	0.2	0.6	0	0	6	0	0	0	0	6	0	0	17	0	0	0	23
6200 SEED RESEARCH	1	0.3	0.5	0	0	0	0	0	0	52	52	0	0	0	0	0	29	81
6300 BIO CELL SYSTEMS	7	0.2	3.8	0	0	20	182	0	0	26	228	0	64	49	0	0	21	362
6500 INVERTEBRATES	19	3.5	10.8	0	0	0	703	0	0	71	774	0	100	6	65	0	8	952
6600 MICROORGANISMS VIRUS	35	4.5	33.1	0	0	0	924	0	0	156	1080	50	291	0	0	50	10	1481
6700 PLANTS	40	10.6	32.4	0	0	25	1907	0	0	26	1958	182	373	8	0	5	60	2586
6800 ANIMALS(VERTEBRATES)	6	0.6	4.0	0	0	0	111	0	0	29	140	0	0	60	0	0	0	200
7000 RSCH EQUIP & TECHNOL	6	1.7	2.0	0	0	0	112	0	0	58	170	0	0	4	0	0	0	174
TOTAL		47.9	171.9	0	0	401	9080	0	0	1092	10572	457	1097	387	65	71	674	13323

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /REF	SCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	1	0.0	0.0	0	0	0	52	0	0	0	52	0	0	0	0	0	0	52
102 SOIL PLNT WTR NUTRI	2	0.2	0.2	0	0	10	26	0	0	0	36	0	0	0	0	0	0	36
104 ALTERN USE OF LAND	1	0.8	0.8	0	0	161	0	0	0	0	161	0	0	0	0	0	10	171
105 CONSERV USE OF WATER	1	0.0	0.0	0	0	0	11	0	0	0	11	0	0	0	0	0	0	11
109 WEATHER ADAPT & MGD	1	0.1	0.1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1
111 BIOL CULT MGMT FORST	7	0.7	3.6	0	0	0	213	0	0	0	213	0	2	0	0	0	42	258
112 IMPROV RANGE RESOS	1	0.2	0.8	0	0	9	0	0	0	0	9	0	0	25	0	0	0	35
SUBTOTAL			5.5		0		303		0		483		2		0		52	
		2.0		0		180		0		0		0		25		0		564
SERIES 200																		
201 CNTRL FORST INSECTS	9	0.6	2.2	0	0	0	285	0	0	71	356	0	72	0	65	0	0	493
202 CONTROL FOREST DIS	2	0.0	0.0	0	0	0	60	0	0	0	60	0	0	0	0	0	0	60
204 CNTR PESTS PRT & VEG	2	0.0	0.2	0	0	0	7	0	0	0	7	0	0	0	0	0	0	7
205 CNTR DISE PRT & VEG	1	0.4	1.3	0	0	0	0	0	0	156	156	0	0	0	0	0	0	156
206 CNTR WEEDS PRT & VEG	1	0.0	0.0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4
207 CNTR PESTS FLD CRCPS	4	0.1	1.2	0	0	0	163	0	0	0	163	0	54	0	0	0	0	217
208 CNTR DIS FIELD CRCPS	2	0.0	0.3	0	0	0	67	0	0	0	67	0	0	0	0	0	0	67
209 CNTR WEEDS FLD CRCPS	2	0.0	0.0	0	0	0	64	0	0	0	64	0	33	0	0	0	0	97
210 CONTR PESTS ANIMALS	1	0.1	0.0	0	0	19	0	0	0	0	19	0	0	0	0	0	0	19
211 CONTR DIS ANIMALS	23	3.3	17.1	0	0	0	1084	0	0	29	1112	58	13	36	0	0	341	1560
212 CNTR INTER PARASITES	1	0.5	0.1	0	0	0	63	0	0	0	63	0	0	3	0	0	0	66
213 PROT ANMLS FROM TOXI	1	0.0	1.5	0	0	0	29	0	0	0	29	0	0	0	0	0	0	29
214 PROTECT FROM POLLUTI	2	0.2	0.6	0	0	0	10	0	0	0	10	0	0	8	0	0	0	18
SUBTOTAL			24.5		0		1834		0		2108		175		65		341	
		5.2		0		19		0		255		58		47		0		2794
SERIES 300																		
301 GENET BREED FORST TR	3	0.8	0.9	0	0	0	164	0	0	0	164	0	8	0	0	9	0	181
302 IMP FOREST ENG SYS	7	2.8	3.5	0	0	0	153	0	0	213	366	0	0	0	0	0	46	411
304 IMP BIO EFF PRT & VE	6	1.2	4.8	0	0	112	167	0	0	35	314	0	0	0	0	0	0	314
307 IMP BIO EFF FLD CRP	28	4.0	17.0	0	0	0	1559	0	0	0	1559	7	134	37	0	5	100	1842
310 ANIMAL REPRODUCTION	3	0.1	2.5	0	0	0	191	0	0	0	191	0	0	0	0	0	0	191
311 IMP BIO EFF ANML PR	8	1.1	5.6	0	0	0	354	0	0	0	354	0	0	0	0	0	6	361
312 ENV STRESS IN ANML P	2	1.2	2.5	0	0	0	113	0	0	0	113	0	0	0	0	0	0	113
315 IMP STRUC FARM SUPP	1	0.0	1.1	0	0	0	18	0	0	0	18	0	0	0	0	0	0	18
318 NOM COM BIO TECH/EIM	84	21.2	79.3	0	0	45	3460	0	0	220	3724	392	729	62	0	57	129	5094
SUBTOTAL			117.2		0		6178		0		6803		871		0		280	
		32.4		0		157		0		467		399		99		71		8524
SERIES 400																		
401 NEW IMP FOREST PRCD	10	0.4	2.0	0	0	0	458	0	0	0	458	0	48	6	0	0	0	512
405 PROD FLD CROP IMP AC	1	1.8	12.0	0	0	0	37	0	0	0	37	0	0	0	0	0	0	37
412 MKT QUAL ANIMAL PROD	1	0.3	0.2	0	0	0	0	0	0	29	29	0	0	0	0	0	0	29
SUBTOTAL			14.2		0		494		0		523		48		0		0	
		2.5		0		0		0		29		0		6		0		577
SERIES 500																		
503 MKTG EFF AGRI PRODS	1	0.3	1.1	0	0	12	0	0	0	0	12	0	0	34	0	0	0	46
506 SPLY DEMAND AND PRIC	1	0.2	0.6	0	0	6	0	0	0	0	6	0	0	17	0	0	0	23
SUBTOTAL			1.7		0		0		0		19		0		0		0	
		0.5		0		19		0		0		0		51		0		70
SERIES 700																		
701 TOX RES IN FOOD	2	0.7	1.3	0	0	0	0	0	0	160	160	0	0	0	0	0	0	160
704 HOME COMM FOOD SERV	1	0.0	0.0	0	0	0	28	0	0	0	28	0	0	0	0	0	0	28
708 HUMAN NUTRITION	7	0.8	4.9	0	0	0	171	0	0	0	171	0	0	60	0	0	0	231
SUBTOTAL			6.2		0		199		0		359		0		0		0	
		1.5		0		0		0		160		0		60		0		419
SERIES 800																		
805 COMMUNICAT EDUC PROC	1	0.2	0.9	0	0	0	0	0	0	92	92	0	0	0	0	0	0	92
808 GOVT PROGRAMS	1	0.1	0.3	0	0	3	0	0	0	0	3	0	0	8	0	0	0	12
SUBTOTAL			1.2		0		0		0		95		0		0		0	
		0.3		0		3		0		92		0		8		0		103
SERIES 900																		
904 WLDLFE AND FISH ECOL	2	2.4	0.6	0	0	22	50	0	0	0	73	0	0	89	0	0	0	162
905 TREES BEAUTIFICATION	1	0.1	0.2	0	0	0	21	0	0	0	21	0	0	0	0	0	0	21
908 RURAL INSTITUT IMP	1	1.0	0.5	0	0	0	0	0	0	89	89	0	0	0	0	0	0	89
SUBTOTAL			1.3		0		72		0		183		0		0		0	
		3.5		0		22		0		89		0		89		0		272
SCIENCE IN SERV OF MAN GRAND TOTAL			171.9		0		9080		0		10572		1097		65		674	
		47.9		0		401		0		1092		457		387		71		13323

TABLE IV-E SUMMARY BY STATION OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

STATION		NO OF PROJ	STAFF SUPPORT YRS	STAFF OTHER YRS	HATH /REF	HCIN STEM	SP GT	COMP GT	EVNS ALLN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
CONNECTICUT	NEW HAVEN	48	35.1	23.7	651	108	6	0	0	0	0	765	0	16	3047	0	0	0	3828
CONNECTICUT	STORRS	65	21.9	71.4	831	35	103	42	0	22	0	1033	3	679	2887	16	40	480	5139
DIST OF COLUM	WASHINGTON	11	4.7	23.0	487	0	0	0	0	0	0	487	0	0	0	0	0	0	487
DELAWARE	NEWARK	121	31.2	68.5	1048	77	26	28	0	16	0	1195	1	153	3121	341	284	502	5597
MASSACHUSETTS	AMHERST	118	42.0	158.0	1789	152	75	441	0	10	0	2468	174	296	3330	316	1015	349	7949
MARYLAND	COLLEGE PA	128	70.0	161.2	1983	159	46	238	0	47	0	2473	0	0	9584	550	0	0	12607
MAINE	ORONO	124	53.2	87.3	1473	347	60	280	0	16	0	2176	208	657	3373	542	840	558	8355
NEW HAMPSHIRE	DURHAM	70	28.8	63.7	1151	188	0	0	0	10	0	1349	0	0	1868	206	0	0	3423
NEW JERSEY	NEW BRUNSW	269	89.6	255.8	2192	123	318	45	0	21	0	2700	23	428	9269	0	985	2090	15493
NEW YORK	ITHACA	819	273.8	2140.6	3848	79	301	748	0	57	0	5033	1288	7910	17762	5944	4227	6397	48561
NEW YORK	GENEVA	140	60.0	354.5	767	0	465	78	0	0	0	1309	156	397	5756	660	414	863	9555
PENNSYLVANIA	COLLEGE PA	296	159.3	368.3	4901	302	901	362	0	53	0	6519	561	2496	13272	0	1668	1188	25704
RHODE ISLAND	KINGSTON	58	29.8	32.9	1002	62	0	0	0	12	0	1077	0	353	1718	0	0	18	3165
VERMONT	BURLINGTON	73	24.0	55.9	1180	0	0	0	0	16	0	1197	138	284	1543	0	627	0	3788
WEST VIRGINIA	MORGANTOWN	90	41.3	51.4	2170	274	63	42	0	14	0	2564	101	138	2294	410	160	80	5747
SUBTOTAL - SAES		2426	964.7	3916.2	25474	1906	2364	2302	0	295	0	32342	2653	13806	78825	8985	10260	12525	159397
FORESTRY SCH	SYRACUSE	116	54.7	73.2	0	250	1	109	0	0	0	360	57	792	2813	0	1405	1236	6663
FORESTRY SCH	BURLINGTON	14	3.3	6.7	0	197	0	0	0	0	0	197	210	28	213	2	0	34	683
SUBTOTAL - FRSTY SCH		130	58.0	79.9	0	447	1	109	0	0	0	557	267	820	3026	2	1405	1270	7345
DEL STATE COL	DOVER	7	5.6	6.0	0	0	0	0	441	0	0	441	0	0	38	0	0	0	479
MD. STATE COL	PRINCESS A	10	5.4	16.0	0	0	0	0	766	0	0	766	0	25	48	15	0	8	862
SUBTOTAL - 1890/TUSK		17	11.0	22.0	0	0	0	0	1207	0	0	1207	0	25	86	15	0	8	1341
SCH VET MED	NEW YORK	145	61.2	455.8	0	0	88	158	0	218	0	464	224	4353	4013	1971	717	2158	13901
SCH VET MED	PENNSYLVAN	95	25.1	88.7	0	0	0	0	0	77	0	77	58	2781	198	0	191	1816	5122
SUBTOTAL - VET MED		240	86.3	544.5	0	0	88	158	0	295	0	542	282	7133	4212	1971	909	3974	19023
OTH COOP INS	CONNECTICU	5	0.4	1.8	0	0	0	120	0	0	0	120	0	2	0	0	0	0	123
OTH COOP INS	DIST COLUM	1	1.0	0.5	0	0	0	0	0	0	89	89	0	0	0	0	0	0	89
OTH COOP INS	MASSACHUSE	6	0.5	5.0	0	0	0	239	0	0	0	239	0	0	0	0	0	0	239
OTH COOP INS	MARYLAND	14	0.5	8.8	0	0	0	515	0	0	0	515	0	5	0	0	0	0	520
OTH COOP INS	NEW JERSEY	1	0.6	0.4	0	0	0	0	0	0	57	57	0	0	0	0	0	0	57
OTH COOP INS	NEW YORK	16	8.6	16.0	0	0	0	559	0	0	35	594	14	82	47	0	0	0	738
OTH COOP INS	PENNSYLVAN	14	1.8	10.7	0	0	0	568	0	0	71	639	0	62	25	65	0	6	797
OTH COOP INS	RHODE ISLA	2	0.0	0.0	0	0	0	58	0	0	0	58	0	8	0	0	0	10	76
SUBTOTAL - OCI		59	13.4	43.2	0	0	0	2059	0	0	251	2311	14	160	72	65	0	16	2638
TOTAL		2872	1133.4	4605.8	25474	2353	2453	4629	1207	590	251	36958	3216	21944	86221	11039	12573	17793	189744

TABLE IV-E SUMMARY BY STATION OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

STATION		NO OF PROJ	STAFF SUPPORT YRS	STAFF OTHER YRS	HATB /RRF	HCIN STEN	SP GT	COHP GT	EVHS ALLN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTB -ER	TOTAL
ALABAMA	AUBURN	216	107.2	572.6	3240	379	206	231	0	76	0	4132	450	361	12273	3039	1145	1367	22766
ARKANSAS	FAYETTEVIL	263	114.1	473.4	2788	366	150	113	0	73	0	3490	677	454	13916	0	897	2398	21832
FLORIDA	GAINESVILL	650	391.8	1085.5	2352	316	1542	1196	0	77	0	5483	2085	4211	47928	0	5516	3040	68263
GEORGIA	ATHENS	369	175.9	746.8	3765	386	102	324	0	23	0	4600	1231	1133	32745	0	627	2541	42878
KENTUCKY	LEXINGTON	188	127.1	452.2	3978	259	0	0	0	91	0	4329	0	0	13390	0	0	250	17969
LOUISIANA	BATON ROUG	489	213.3	0.0	2592	253	316	183	0	73	0	3418	203	347	20573	2731	1902	689	29863
MISSISSIPPI	STATE COLL	308	180.2	625.6	3355	386	1844	144	0	51	0	5780	902	1371	13426	3563	2143	7147	34333
NORTH CAROLINA	RALEIGH	578	242.7	840.3	5287	384	292	953	0	102	0	7017	2172	6946	36179	1191	2894	4820	61220
OKLAHOMA	STILLWATER	212	113.8	324.6	2478	212	351	157	0	112	0	3310	246	412	12017	510	934	387	17817
PUERTO RICO	RIO PIEDRA	69	75.6	469.6	3516	0	489	0	0	13	0	4018	0	0	5487	748	0	0	10253
SOUTH CAROLINA	CLEMSON	252	91.5	299.1	2788	0	632	3	0	22	0	3444	0	29	12803	0	0	0	16276
TENNESSEE	KNOXVILLE	187	107.1	307.9	3844	272	150	72	0	63	0	4401	128	524	12244	3221	699	261	21478
TEXAS	COLLEGE ST	512	290.3	1617.0	4992	164	1034	459	0	372	0	7021	1331	4662	37624	7082	5687	53	63462
VIRGINIA	BLACKSBURG	327	167.1	568.0	3393	339	114	0	0	85	0	3932	1352	3814	20893	0	2757	2592	35340
VIRGIN ISLANDS	ST. THOMAS	18	5.0	27.3	670	0	155	0	0	0	0	826	0	0	158	0	0	0	984
SUBTOTAL - SAES		4638	2402.7	8409.9	49039	3716	7378	3835	0	1234	0	65203	10778	24265	291656	22085	25200	25546	464734
FORESTRY SCH	RUSTON	9	2.7	0.0	0	113	0	0	0	0	0	113	0	0	248	0	0	0	362
FORESTRY SCH	CLEMSON	62	14.3	33.1	0	309	0	0	0	0	0	309	20	0	1154	63	18	0	1564
FORESTRY SCH	NACOGDOCHE	16	4.1	8.1	0	165	0	0	0	0	0	165	27	0	294	0	0	67	553
SUBTOTAL - FRSTY SCH		87	21.1	41.2	0	588	0	0	0	0	0	588	47	0	1696	63	18	67	2479
ALA TUSKEGEE	TUSKEGEE	16	9.8	22.7	0	0	0	0	1200	0	0	1200	0	0	0	0	0	0	1200
ALABAMA A&M	NORMAL	28	12.6	16.5	0	0	0	0	1282	0	0	1282	64	130	178	0	0	0	1654
ARKANSAS A&M	PINE BLUFF	13	8.1	27.3	0	0	0	0	1074	0	0	1074	0	0	10	0	1	14	1099
FLORIDA A&M	TALLAHASSE	9	8.1	16.8	0	0	0	0	689	0	0	689	0	0	0	0	0	0	689
FT. VALLEY COL	FORT VALLE	27	9.1	29.9	0	0	0	0	1361	0	0	1361	0	0	0	0	0	0	1361
KY STATE COLL	FRANKFORT	14	11.7	22.4	0	0	0	0	1272	0	0	1272	0	0	0	0	0	0	1272
SOUTHERN UNIV	BATON ROUG	9	7.1	29.9	0	0	0	0	1022	0	0	1022	0	0	0	0	0	0	1022
ALCORN A&M	LORMAN	13	6.1	37.1	0	0	0	0	1329	0	0	1329	0	0	0	0	0	0	1329
AG TECH NC.	GREENSBORO	18	12.5	53.5	0	0	0	0	1979	0	0	1979	0	0	0	23	0	0	2002
LANGSTON UNIV	LANGSTON	4	8.4	10.5	0	0	0	0	888	0	0	888	0	0	0	0	0	0	888
SC STATE COLL	ORANGEBURG	17	8.0	22.5	0	0	0	0	994	0	0	994	0	0	0	0	0	0	994
TEN A&M IND	NASHVILLE	13	13.7	35.5	0	0	0	0	1554	0	0	1554	0	0	0	0	0	0	1554
PRAIRIE VW A&M	PRAIRIE VI	12	22.2	21.2	0	0	51	0	1847	0	0	1897	0	0	0	0	0	0	1897
VA STATE COLL	PETERSBURG	8	16.1	41.6	0	0	0	0	1316	0	0	1316	0	0	0	0	0	0	1316
SUBTOTAL - 1890/TUSK		201	153.5	387.4	0	0	51	0	17807	0	0	17857	64	131	188	23	1	14	18277
SCH VET MED	TUSKEGEE	3	0.0	0.1	0	0	0	0	0	6	0	6	0	0	0	0	0	0	6
SCH VET MED	AUBURN	21	15.0	26.3	0	0	54	0	0	32	0	86	0	88	1680	2	4	48	1907
SCH VET MED	FLORIDA	49	23.8	47.3	0	0	0	0	0	60	0	60	0	990	4062	0	59	50	5221
SCH VET MED	GEORGIA	26	31.2	53.6	0	0	146	55	0	129	0	331	15	129	4415	0	25	221	5136
SCH VET MED	LOUISIANA	14	11.9	37.9	0	0	147	0	0	25	0	172	0	168	1495	0	108	76	2019
SCH VET MED	TEXAS	8	27.2	46.7	0	0	0	0	0	0	0	0	106	836	2715	0	485	477	4619
SUBTOTAL - VET MED		121	109.1	211.9	0	0	347	55	0	252	0	654	122	2212	14366	2	680	872	18907
OTH COOP INS	ALABAMA	1	0.0	0.0	0	0	0	50	0	0	0	50	0	0	0	0	0	0	50
OTH COOP INS	FLORIDA	2	0.4	1.0	0	0	0	87	0	0	0	87	0	13	0	0	0	0	100
OTH COOP INS	GEORGIA	6	3.0	3.6	0	0	0	304	0	0	0	304	0	54	53	0	0	0	412
OTH COOP INS	LOUISIANA	11	2.6	6.5	0	0	0	421	0	0	116	537	0	0	18	0	0	38	593
OTH COOP INS	MISSISSIPP	1	0.4	0.6	0	0	22	0	0	0	0	22	0	0	36	0	0	0	58
OTH COOP INS	N CAROLINA	3	0.1	1.0	0	0	0	85	0	0	0	85	0	0	6	0	0	0	91
OTH COOP INS	OKLAHOMA	2	0.0	1.0	0	0	0	67	0	0	0	67	0	0	0	0	0	0	67
OTH COOP INS	TENNESSEE	1	0.1	0.0	0	0	0	51	0	0	0	51	0	0	0	0	0	0	51
OTH COOP INS	TEXAS	8	1.9	6.0	0	0	41	205	0	0	0	246	0	0	93	0	0	6	345
OTH COOP INS	VIRGINIA	2	0.0	2.2	0	0	0	35	0	0	0	35	0	37	0	0	0	0	72
SUBTOTAL - OCI		37	8.5	21.9	0	0	64	1305	0	0	116	1484	0	103	206	0	0	44	1838
TOTAL		5084	2694.9	9072.3	49039	4304	7840	5195	17807	1486	116	85786	11011	26711	308111	22174	25898	26544	506234

TABLE IV-E SUMMARY BY STATION OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

	STATION	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRP	HCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
ILLINOIS	URBANA	354	160.4	540.1	4368	83	168	237	0	167	0	5023	1322	1918	12395	3133	3507	1376	28675
INDIANA	LAFAYETTE	368	149.6	597.2	3919	203	281	599	0	109	5	5117	661	5620	16180	4263	3460	2316	37616
IOWA	AMES	339	115.9	462.9	4586	122	362	436	0	57	0	5562	1506	1287	12488	932	5335	1668	28778
KANSAS	MANHATTAN	362	203.7	533.5	2767	112	531	592	0	175	0	4177	518	4751	15313	4455	1493	1023	31730
MICHIGAN	LANSING	410	158.3	411.8	3719	118	1831	529	0	75	0	6272	1222	5304	18043	2131	2661	2982	38614
MINNESOTA	ST PAUL	376	173.0	734.7	3956	282	204	438	0	83	0	4963	1409	1396	27457	0	1665	2513	39403
MISSOURI	COLUMBIA	251	121.2	555.6	3723	242	588	564	0	145	0	5262	528	1759	11029	3084	962	2555	25177
NORTH DAKOTA	FARGO	234	131.8	250.7	1922	70	402	59	0	57	0	2509	285	515	12446	2105	903	1410	20173
NEBRASKA	LINCOLN	305	135.1	779.2	2655	85	225	198	0	185	0	3348	2354	1623	12782	8745	1813	1085	31749
OHIO	WOOSTER	359	143.5	556.5	4657	234	406	467	0	70	0	5836	157	534	20734	1983	2433	1061	32739
SOUTH DAKOTA	BROOKINGS	192	87.0	121.9	1952	101	1	0	0	87	0	2141	229	389	4575	0	2948	0	10283
WISCONSIN	MADISON	607	170.6	635.9	4027	298	854	1596	0	194	0	6969	919	13502	20292	0	6227	407	48315
SUBTOTAL - SAES		4157	1750.1	6180.0	42251	1949	5854	5716	0	1404	5	57178	11111	38597	183734	30830	33406	18395	373252
FORESTRY SCH	CARBONDALE	16	6.4	11.1	0	85	0	0	0	0	0	85	0	0	258	0	0	202	545
FORESTRY SCH	ANN ARBOR	27	4.4	14.6	0	110	0	0	0	0	0	110	22	150	442	0	0	192	916
FORESTRY SCH	HOUGHTON	23	13.3	29.9	0	119	22	0	0	0	0	141	0	45	899	0	290	819	2193
SUBTOTAL - FRSTY SCH		66	24.1	55.6	0	314	22	0	0	0	0	336	22	195	1599	0	290	1212	3654
LINCOLN UNIV	JEFFERSON	15	13.6	20.2	0	0	0	0	1447	0	0	1447	0	0	0	62	0	0	1509
SUBTOTAL - 1890/TUSK		15	13.6	20.2	0	0	0	0	1447	0	0	1447	0	0	0	62	0	0	1509
SCH VET MED	IOWA	143	28.6	84.4	0	0	357	47	0	237	0	642	65	236	4194	0	547	453	6137
SCH VET MED	MINNESOTA	29	16.6	52.7	0	0	300	0	0	93	0	393	0	196	1673	0	413	532	3206
SCH VET MED	MISSOURI	30	21.5	55.1	0	0	0	0	0	0	0	0	57	519	1096	335	194	687	2889
SCH VET MED	OHIO	63	9.6	50.4	0	0	20	0	0	47	0	67	3	1089	0	0	123	632	1913
SUBTOTAL - VET MED		265	76.3	242.6	0	0	677	47	0	377	0	1101	125	2040	6963	335	1277	2304	14145
OTH COOP INS	ILLINOIS	14	2.6	10.7	0	0	0	634	0	0	0	634	0	346	30	0	50	7	1067
OTH COOP INS	INDIANA	2	1.4	1.9	0	0	0	71	0	0	0	71	0	0	60	0	0	0	131
OTH COOP INS	IOWA	8	0.5	2.3	0	0	0	198	0	0	0	198	25	0	4	0	10	0	237
OTH COOP INS	KANSAS	2	0.0	1.6	0	0	0	73	0	0	0	73	0	0	0	0	0	0	73
OTH COOP INS	MICHIGAN	5	1.1	3.3	0	0	0	215	0	0	0	215	0	65	0	0	0	12	291
OTH COOP INS	MINNESOTA	8	1.7	4.9	0	0	0	301	0	0	156	457	0	0	0	0	0	329	786
OTH COOP INS	MISSOURI	8	1.6	5.2	0	0	0	575	0	0	0	575	58	0	4	0	0	8	645
OTH COOP INS	N DAKOTA	3	0.1	0.8	0	0	19	100	0	0	0	119	0	60	0	0	0	0	180
OTH COOP INS	NEBRASKA	5	1.3	2.9	0	0	0	159	0	0	0	159	0	0	5	0	0	0	164
OTH COOP INS	OHIO	5	2.7	14.8	0	0	0	432	0	0	0	432	310	0	0	0	0	0	742
OTH COOP INS	WISCONSIN	12	1.0	5.5	0	0	0	311	0	0	0	311	0	48	0	0	0	0	359
SUBTOTAL - OCI		72	14.0	53.9	0	0	19	3068	0	0	156	3243	393	520	103	0	60	356	4675
TOTAL		4575	1878.1	6552.3	42251	2263	6572	8831	1447	1781	161	63305	11652	41351	192399	31227	35033	22268	397235

TABLE IV-E SUMMARY BY STATION OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

	STATION	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	HATH /RRP	HCIN STEN	SP GT	COOP GT	EVNS ALLN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
ALASKA	FAIRBANKS	29	14.7	29.9	808	212	5	0	0	9	0	1034	0	0	3265	0	15	0	4315
ARIZONA	TUCSON	279	153.8	342.3	1569	91	285	556	0	57	0	2558	368	1951	14167	307	892	957	21201
CALIFORNIA	BERKELEY	1214	572.1	1869.1	4090	313	1521	3432	0	238	41	9635	963	15159	87590	1212	10718	352	125629
COLORADO	FT COLLINS	128	211.7	245.9	2162	227	26	0	0	0	0	2416	1326	7930	7186	620	233	3093	22804
GUAM	AGANA	26	10.7	42.4	696	0	311	0	0	0	0	1008	0	0	479	0	0	0	1487
HAWAII	HONOLULU	236	91.9	168.6	1057	93	1668	93	0	7	0	2919	466	2368	7895	288	86	906	14927
IDAHO	MOSCOW	119	60.0	163.4	1712	0	376	0	0	33	0	2122	1758	361	6721	0	1481	426	12869
MONTANA	BOZEMAN	136	72.9	227.5	1677	0	133	35	0	79	0	1924	440	978	5972	1069	452	545	11381
NEVADA	RENO	114	33.8	62.9	982	50	28	171	0	18	0	1248	26	485	2844	576	13	279	5471
NEW MEXICO	UNIV PARK	147	63.1	160.2	1311	167	257	2	0	41	2	1780	525	308	6063	145	302	1029	10152
N MARIANAS	SAIPAN	2	0.0	0.0	225	0	0	0	0	0	0	225	0	0	0	0	0	0	225
OREGON	CORVALLIS	323	272.7	346.2	2260	0	838	379	0	48	0	3524	900	3781	13678	1797	2037	2620	28338
UTAH	LOGAN	230	76.6	121.1	1427	135	120	183	0	50	0	1914	583	1687	5919	289	804	645	11842
WASHINGTON	PULLMAN	300	157.6	371.5	2893	186	414	0	0	136	0	3628	1119	2265	12872	213	1287	3434	24818
WYOMING	LARAMIE	78	48.4	65.3	1253	107	231	119	0	41	0	1751	0	966	3634	0	171	419	6940
SUBTOTAL - SAES		3361	1840.0	4216.3	24121	1582	6213	4970	0	755	44	37685	8475	38239	178285	6518	18491	14704	302398
FORESTRY SCH	FLAGSTAFF	21	3.0	13.5	0	93	0	0	0	0	0	93	100	107	233	0	103	15	651
FORESTRY SCH	S L OBISPO	1	0.1	0.1	0	20	0	0	0	0	0	20	0	0	25	0	0	0	45
FORESTRY SCH	ARCATA	7	0.6	3.3	0	57	0	0	0	0	0	57	0	10	91	0	8	5	171
FORESTRY SCH	MOSCOW	66	22.1	44.1	0	294	0	0	0	0	0	294	153	451	1510	378	309	222	3316
FORESTRY SCH	MISSOULA	37	13.4	23.5	0	235	0	0	0	0	0	235	122	144	691	32	26	151	1400
FORESTRY SCH	CORVALLIS	91	51.6	137.9	0	422	790	224	0	0	0	1436	1245	1124	3832	0	324	171	8132
FORESTRY SCH	SEATTLE	107	24.0	48.6	0	231	1	40	0	0	0	271	388	1340	2051	0	347	504	4901
SUBTOTAL - FRSTY SCH		330	114.8	271.0	0	1350	790	264	0	0	0	2405	2008	3176	8433	409	1117	1068	18616
SCH VET MED	CALIFORNIA	46	51.0	169.8	0	0	0	0	0	185	0	185	193	7727	917	1604	246	65	10937
SCH VET MED	COLORADO	10	63.5	165.4	0	0	52	248	0	252	0	552	121	7529	701	2415	200	1536	13054
SCH VET MED	OREGON	23	3.7	9.9	0	0	73	81	0	44	0	197	60	183	0	0	156	294	890
SCH VET MED	WASHINGTON	38	29.5	62.2	0	0	175	0	0	0	0	175	4	909	3773	0	116	543	5520
SUBTOTAL - VET MED		117	147.7	407.3	0	0	300	329	0	481	0	1110	378	16347	5391	4019	719	2437	30401
OTH COOP INS	ARIZONA	2	0.5	2.4	0	0	0	57	0	0	0	57	0	105	0	0	0	0	162
OTH COOP INS	CALIFORNIA	16	2.6	29.5	0	0	112	809	0	0	196	1117	0	104	0	0	0	197	1418
OTH COOP INS	COLORADO	2	0.3	0.5	0	0	0	104	0	0	0	104	0	0	0	0	0	0	104
OTH COOP INS	HAWAII	1	0.3	0.6	0	0	0	0	0	0	101	101	0	0	0	0	0	0	101
OTH COOP INS	MONTANA	3	1.0	2.4	0	0	161	99	0	0	0	259	0	25	0	0	0	10	294
OTH COOP INS	NEVADA	1	1.0	3.0	0	0	0	205	0	0	0	205	0	47	0	0	0	0	252
OTH COOP INS	NEW MEXICO	4	1.1	3.0	0	0	45	168	0	0	0	213	0	22	1	0	0	0	237
OTH COOP INS	OREGON	3	1.1	3.0	0	0	0	136	0	0	0	136	0	0	0	0	0	0	136
OTH COOP INS	UTAH	3	0.5	1.7	0	0	0	206	0	0	59	265	0	0	2	0	0	0	267
OTH COOP INS	WASHINGTON	17	3.6	6.8	0	0	0	841	0	0	213	1054	50	10	3	0	11	50	1178
OTH COOP INS	WYOMING	1	0.0	0.0	0	0	0	23	0	0	0	23	0	0	0	0	0	0	23
SUBTOTAL - OCI		53	12.0	52.9	0	0	318	2648	0	0	569	3535	50	314	6	0	11	257	4173
TOTAL		3861	2114.5	4947.5	24121	2932	7622	8211	0	1237	612	44734	10911	58076	192115	10947	20338	18467	355589
GRAND TOTAL		16392	7820.9	25177.9	140885	11852	24487	26866	20460	5094	1140	230784	36790	148082	778846	75386	93842	85072	1448801

TABLE IV-F FY 1987 SUMMARY OF FUNDS AND STAFF SUPPORT WITH BREAKOUT BY OTHER FEDERAL FUND SOURCES -- IN THOUSANDS OF DOLLARS

STATION		NO OF PROJ	STAFF SUPPORT SYS	STAFF YRS OTHER	CSRS ADM	USDA CGCA	NSF	DOE	AID	DOD	NIH	PHS	HHS	NASA	TVA	OTHER	TOTAL OTHER FED	TOTAL NON-FED	TOTAL
CONNECTICUT	NEW HAVEN	48	35.1	23.7	765	0	0	0	0	0	0	0	0	0	0	16	16	3047	3828
CONNECTICUT	STORRS	65	21.9	71.4	1033	3	0	11	0	115	487	0	0	0	0	66	679	3424	5139
DIST OF COLUM	WASHINGTON	11	4.7	23.0	487	0	0	0	0	0	0	0	0	0	0	0	0	0	487
DELAWARE	NEWARK	121	31.2	68.5	1195	1	69	0	0	0	0	0	0	0	0	84	153	4249	5597
MASSACHUSETTS	AMHERST	118	42.0	158.0	2468	174	132	0	0	58	106	0	0	0	0	0	296	5011	7949
MARYLAND	COLLEGE PA	128	70.0	161.2	2473	0	0	0	0	0	0	0	0	0	0	0	0	10134	12607
MAINE	ORONO	124	53.2	87.3	2176	208	17	0	118	0	141	0	0	0	0	381	657	5314	8355
NEW HAMPSHIRE	DURHAM	70	28.8	63.7	1349	0	0	0	0	0	0	0	0	0	0	0	0	2074	3423
NEW JERSEY	NEW BRUNSW	269	89.6	255.8	2700	23	96	20	35	0	16	190	0	0	0	71	428	12343	15493
NEW YORK	ITHACA	819	273.8	2140.6	5033	1288	1720	270	535	177	4341	0	9	6	0	853	7910	34330	48561
NEW YORK	GENEVA	140	60.0	354.5	1309	156	207	0	0	62	112	0	0	0	0	16	397	7692	9555
PENNSYLVANIA	COLLEGE PA	296	159.3	368.3	6519	561	72	138	1475	0	110	0	0	0	7	692	2496	16128	25704
RHODE ISLAND	KINGSTON	54	29.8	32.9	1077	0	0	0	0	0	0	0	0	0	0	353	353	1736	3165
VERMONT	BURLINGTON	73	24.0	55.9	1197	138	42	0	0	0	0	0	0	0	0	242	284	2170	3788
WEST VIRGINIA	MORGANTOWN	90	41.3	51.4	2564	101	0	0	0	0	0	0	0	0	9	129	138	2944	5747
SUBTOTAL - SAES		2426	964.7	3916.2	32342	2653	2354	440	2163	412	5313	190	9	6	16	2903	13806	110595	159397
FORESTRY SCH	SYRACUSE	116	54.7	73.2	360	57	253	177	0	30	107	0	0	0	0	225	792	5454	6663
FORESTRY SCH	BURLINGTON	14	3.3	6.7	197	210	0	0	0	0	0	0	0	3	0	25	28	248	683
SUBTOTAL - FRSTY SCH		130	58.0	79.9	557	267	253	177	0	30	107	0	0	3	0	250	820	5702	7345
DEL STATE COL	DOVER	7	5.6	6.0	441	0	0	0	0	0	0	0	0	0	0	0	0	38	479
MD. STATE COL	PRINCESS A	10	5.4	16.0	766	0	25	0	0	0	0	0	0	0	0	0	25	71	862
SUBTOTAL - 1890/TUSK		17	11.0	22.0	1207	0	25	0	0	0	0	0	0	0	0	0	25	109	1341
SCH VET MED	NEW YORK	145	61.2	455.8	464	224	39	2	0	182	4017	0	0	0	0	113	4353	8860	13901
SCH VET MED	PENNSYLVAN	95	25.1	88.7	77	58	166	0	0	0	2413	0	0	0	17	185	2781	2205	5122
SUBTOTAL - VET MED		240	86.3	544.5	542	282	205	2	0	182	6430	0	0	0	17	297	7133	11066	19023
OTH COOP INS	CONNECTICU	5	0.4	1.8	120	0	0	0	0	0	0	0	0	0	0	2	2	0	123
OTH COOP INS	DIST COLUM	1	1.0	0.5	89	0	0	0	0	0	0	0	0	0	0	0	0	0	89
OTH COOP INS	MASSACHUSE	6	0.5	5.0	239	0	0	0	0	0	0	0	0	0	0	0	0	0	239
OTH COOP INS	MARYLAND	14	0.5	8.8	515	0	0	0	0	0	0	0	0	0	0	5	5	0	520
OTH COOP INS	NEW JERSEY	1	0.6	0.4	57	0	0	0	0	0	0	0	0	0	0	0	0	0	57
OTH COOP INS	NEW YORK	16	8.6	16.0	594	14	69	0	0	13	0	0	0	0	0	0	82	47	738
OTH COOP INS	PENNSYLVAN	14	1.8	10.7	639	0	47	0	0	0	16	0	0	0	0	0	62	96	797
OTH COOP INS	RHODE ISLA	2	0.0	0.0	58	0	6	0	0	0	2	0	0	0	0	0	8	10	76
SUBTOTAL - OCI		59	13.4	43.2	2311	14	122	0	0	13	17	0	0	0	0	7	160	154	2638
TOTAL		2872	1133.4	4605.8	36958	3216	2959	619	2163	637	11868	190	9	9	33	3457	21944	127626	189744

TABLE IV-F FY 1987 SUMMARY OF FUNDS AND STAFF SUPPORT WITH BREAKOUT BY OTHER FEDERAL FUND SOURCES -- IN THOUSANDS OF DOLLARS

	STATION	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	CSRS ADM	USDA CGCA	NSF	DOE	AID	DOD	NIH	PHS	HHS	NASA	TVA	OTH -ER	TOTAL OTHER FED	TOTAL NON- FED	TOTAL
ALABAMA	AUBURN	216	107.2	572.6	4132	450	38	0	25	3	0	0	0	64	103	128	361	17824	22766
ARKANSAS	FAYETTEVIL	263	114.1	473.4	3490	677	0	0	37	54	0	0	0	0	0	364	454	17210	21832
FLORIDA	GAINESVILL	650	391.8	1085.5	5483	2085	584	205	43	411	1062	0	74	0	18	1812	4211	56484	68263
GEORGIA	ATHENS	369	175.9	746.8	4600	1231	24	20	463	0	50	0	0	12	59	506	1133	35913	42878
KENTUCKY	LEXINGTON	188	127.1	452.2	4329	0	0	0	0	0	0	0	0	0	0	0	0	13641	17969
LOUISIANA	BATON ROUG	489	213.3	0.0	3418	203	0	0	7	17	0	98	0	8	0	217	347	25895	29863
MISSISSIPPI	STATE COLL	308	180.2	625.6	5780	902	0	10	445	26	0	325	0	0	41	523	1371	26280	34333
NORTH CAROLINA	RALEIGH	578	242.7	840.3	7017	2172	434	16	4202	147	0	1596	0	49	3	500	6946	45084	61220
OKLAHOMA	STILLWATER	212	113.8	324.6	3310	246	169	62	0	44	0	138	0	0	0	0	412	13848	17817
PUERTO RICO	RIO PIEDRA	69	75.6	469.6	4018	0	0	0	0	0	0	0	0	0	0	0	0	6235	10253
SOUTH CAROLINA	CLEMSON	252	91.5	299.1	3444	0	0	0	0	0	0	0	0	0	0	29	29	12803	16276
TENNESSEE	KNOXVILLE	187	107.1	307.9	4401	128	0	0	0	0	48	0	0	0	102	374	524	16425	21478
TEXAS	COLLEGE ST	512	290.3	1617.0	7021	1331	480	56	1548	357	1374	0	0	15	41	791	4662	50447	63462
VIRGINIA	BLACKSBURG	327	167.1	568.0	3932	1352	365	130	0	7	0	989	0	0	0	2323	3814	26241	35340
VIRGIN ISLANDS	ST. THOMAS	18	5.0	27.3	826	0	0	0	0	0	0	0	0	0	0	0	0	158	984
SUBTOTAL - SAES		4638	2402.7	8409.9	65203	10778	2095	500	6769	1064	2534	3146	74	147	368	7567	24265	364488	464734
FORESTRY SCH	RUSTON	9	2.7	0.0	113	0	0	0	0	0	0	0	0	0	0	0	0	248	362
FORESTRY SCH	CLEMSON	62	14.3	33.1	309	20	0	0	0	0	0	0	0	0	0	0	0	1235	1564
FORESTRY SCH	MACOGDOCHE	16	4.1	8.1	165	27	0	0	0	0	0	0	0	0	0	0	0	361	553
SUBTOTAL - FRSTY SCH		87	21.1	41.2	588	47	0	0	0	0	0	0	0	0	0	0	0	1844	2479
ALA TUSKEGEE	TUSKEGEE	16	9.8	22.7	1200	0	0	0	0	0	0	0	0	0	0	0	0	0	1200
ALABAMA A&M	NORMAL	28	12.6	16.5	1282	64	0	0	113	0	0	0	0	0	18	0	130	178	1654
ARKANSAS A&M	PINE BLUFF	13	8.1	27.3	1074	0	0	0	0	0	0	0	0	0	0	0	0	25	1099
FLORIDA A&M	TALLAHASSE	9	8.1	16.8	689	0	0	0	0	0	0	0	0	0	0	0	0	0	689
FT. VALLEY CCL	FORT VALLE	27	9.1	29.9	1361	0	0	0	0	0	0	0	0	0	0	0	0	0	1361
KY STATE COLL	FRANKFORT	14	11.7	22.4	1272	0	0	0	0	0	0	0	0	0	0	0	0	0	1272
SOUTHERN UNIV	BATON ROUG	9	7.1	29.9	1022	0	0	0	0	0	0	0	0	0	0	0	0	0	1022
ALCORN A&M	LORMAN	13	6.1	37.1	1329	0	0	0	0	0	0	0	0	0	0	0	0	0	1329
AG TECH NC.	GREENSBORO	18	12.5	53.5	1979	0	0	0	0	0	0	0	0	0	0	0	0	23	2002
LANGSTON UNIV	LANGSTON	4	8.4	10.5	888	0	0	0	0	0	0	0	0	0	0	0	0	0	888
SC STATE COLL	ORANGEBURG	17	8.0	22.5	994	0	0	0	0	0	0	0	0	0	0	0	0	0	994
TEN A&M IND	NASHVILLE	13	13.7	35.5	1554	0	0	0	0	0	0	0	0	0	0	0	0	0	1554
PRAIRIE VW A&M	PRAIRIE VI	12	22.2	21.2	1897	0	0	0	0	0	0	0	0	0	0	0	0	0	1897
VA STATE COLL	PETERSBURG	8	16.1	41.6	1316	0	0	0	0	0	0	0	0	0	0	0	0	0	1316
SUBTOTAL - 1890/TUSK		201	153.5	387.4	17857	64	0	0	113	0	0	0	0	0	18	0	131	225	18277
SCH VET MED	TUSKEGEE	3	0.0	0.1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
SCH VET MED	AUBURN	21	15.0	26.3	86	0	0	0	34	0	18	0	0	0	0	36	88	1733	1907
SCH VET MED	FLORIDA	49	23.8	47.3	60	0	0	0	0	47	944	0	0	0	0	0	990	4170	5221
SCH VET MED	GEORGIA	26	31.2	53.6	331	15	0	0	0	0	119	0	0	0	0	10	129	4661	5136
SCH VET MED	LOUISIANA	14	11.9	37.9	172	0	0	0	0	0	119	0	40	0	0	10	168	1678	2019
SCH VET MED	TEXAS	8	27.2	46.7	0	106	0	0	77	0	644	15	0	0	0	100	836	3677	4619
SUBTOTAL - VET MED		121	109.1	211.9	654	122	0	0	111	47	1844	15	40	0	0	156	2212	15919	18907
OTH COOP INS	ALABAMA	1	0.0	0.0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	50
OTH COOP INS	FLORIDA	2	0.4	1.0	87	0	0	0	0	0	0	13	0	0	0	0	13	0	100
OTH COOP INS	GEORGIA	6	3.0	3.6	304	0	0	0	0	0	0	0	0	0	0	54	54	53	412
OTH COOP INS	LOUISIANA	11	2.6	6.5	537	0	0	0	0	0	0	0	0	0	0	0	0	56	593
OTH COOP INS	MISSISSIPP	1	0.4	0.6	22	0	0	0	0	0	0	0	0	0	0	0	0	36	58
OTH COOP INS	N CAROLINA	3	0.1	1.0	85	0	0	0	0	0	0	0	0	0	0	0	0	6	91
OTH COOP INS	OKLAHOMA	2	0.0	1.0	67	0	0	0	0	0	0	0	0	0	0	0	0	0	67
OTH COOP INS	TENNESSEE	1	0.1	0.0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	51
OTH COOP INS	TEXAS	8	1.9	6.0	246	0	0	0	0	0	0	0	0	0	0	0	0	99	345
OTH COOP INS	VIRGINIA	2	0.0	2.2	35	0	0	0	37	0	0	0	0	0	0	0	37	0	72
SUBTOTAL - OCI		37	8.5	21.9	1484	0	0	0	37	0	0	13	0	0	0	54	103	251	1838
TOTAL		5084	2694.9	9072.3	85786	11011	2095	500	7029	1111	4378	3174	114	147	386	7777	26711	382726	506234

TABLE IV-F FY 1987 SUMMARY OF FUNDS AND STAFF SUPPORT WITH BREAKOUT BY OTHER FEDERAL FUND SOURCES -- IN THOUSANDS OF DOLLARS

	STATION	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	CSRS ADM	USDA CGCA	NSF	DOE	AID	DOD	NIH	PHS	HHS	NASA	TVA	OTH -ER	TOTAL OTHER FED	TOTAL NON- FED	TOTAL
ILLINOIS	URBANA	354	160.4	540.1	5023	1322	134	89	36	86	160	842	0	0	52	517	1918	20412	28675
INDIANA	LAFAYETTE	368	149.6	597.2	5117	661	626	446	786	420	0	0	2717	357	0	268	5620	26218	37616
IOWA	AMES	339	115.9	462.9	5562	1506	165	10	41	79	0	0	490	0	51	452	1287	20422	28778
KANSAS	MANHATTAN	362	203.7	533.5	4177	518	567	116	1845	68	0	0	1141	517	46	450	4751	22284	31730
MICHIGAN	LANSING	410	158.3	411.8	6272	1222	719	57	2232	1	311	868	0	8	0	1108	5304	25817	38614
MINNESOTA	ST PAUL	376	173.0	734.7	4963	1409	122	71	0	181	199	68	505	0	0	250	1396	31635	39403
MISSOURI	COLUMBIA	251	121.2	555.6	5262	528	592	136	0	10	492	0	0	2	0	527	1759	17628	25177
NORTH DAKOTA	FARGO	234	131.8	250.7	2509	285	18	0	0	0	76	0	0	0	46	374	515	16864	20173
NEBRASKA	LINCOLN	305	135.1	779.2	3348	2354	287	80	716	0	11	0	0	300	3	226	1623	24424	31749
OHIO	WOOSTER	359	143.5	556.5	5836	157	19	101	10	0	205	0	0	0	0	200	534	26212	32739
SOUTH DAKOTA	BROOKINGS	192	87.0	121.9	2141	229	0	21	0	0	0	7	0	0	10	350	389	7524	10283
WISCONSIN	MADISON	607	170.6	635.9	6969	919	1604	317	1600	253	8558	0	20	157	16	976	13502	26925	48315
SUBTOTAL - SAES		4157	1750.1	6180.0	57178	11111	4855	1444	7267	1099	10011	1786	4873	1340	224	5699	38597	266365	373252
FORESTRY SCH	CARBONDALE	16	6.4	11.1	85	0	0	0	0	0	0	0	0	0	0	0	0	460	585
FORESTRY SCH	ANN ARBOR	27	4.4	14.6	110	22	0	0	0	0	0	0	0	0	0	150	150	634	916
FORESTRY SCH	HOUGHTON	23	13.3	29.9	141	0	0	0	0	0	0	0	0	0	0	45	45	2007	2193
SUBTOTAL - FRSTY SCH		66	24.1	55.6	336	22	0	0	0	0	0	0	0	0	0	195	195	3101	3654
LINCOLN UNIV	JEFFERSON	15	13.6	20.2	1447	0	0	0	0	0	0	0	0	0	0	0	0	62	1509
SUBTOTAL - 1890/TUSK		15	13.6	20.2	1447	0	0	0	0	0	0	0	0	0	0	0	0	62	1509
SCH VET MED	IOWA	143	28.6	84.4	642	65	103	0	0	0	129	0	0	0	0	4	236	5194	6137
SCH VET MED	MINNESOTA	29	16.6	52.7	393	0	0	0	0	0	196	0	0	0	0	0	196	2618	3206
SCH VET MED	MISSOURI	30	21.5	55.1	0	57	0	0	46	0	416	19	39	0	0	0	519	2312	2889
SCH VET MED	OHIO	63	9.6	50.4	67	3	0	0	49	0	0	0	117	0	0	923	1089	755	1913
SUBTOTAL - VET MED		265	76.3	242.6	1101	125	103	0	95	0	740	19	156	0	0	927	2040	10879	14145
OTH COOP INS	ILLINOIS	14	2.6	10.7	634	0	64	0	0	0	283	0	0	0	0	0	346	87	1067
OTH COOP INS	INDIANA	2	1.4	1.9	71	0	0	0	0	0	0	0	0	0	0	0	0	60	131
OTH COOP INS	IOWA	8	0.5	2.3	198	25	0	0	0	0	0	0	0	0	0	0	0	14	237
OTH COOP INS	KANSAS	2	0.0	1.6	73	0	0	0	0	0	0	0	0	0	0	0	0	0	73
OTH COOP INS	MICHIGAN	5	1.1	3.3	215	0	65	0	0	0	0	0	0	0	0	0	65	12	291
OTH COOP INS	MINNESOTA	8	1.7	4.9	457	0	0	0	0	0	0	0	0	0	0	0	0	329	786
OTH COOP INS	MISSOURI	8	1.6	5.2	575	58	0	0	0	0	0	0	0	0	0	0	0	12	645
OTH COOP INS	N DAKOTA	3	0.1	0.8	119	0	60	0	0	0	0	0	0	0	0	0	60	0	180
OTH COOP INS	NEBRASKA	5	1.3	2.9	159	0	0	0	0	0	0	0	0	0	0	0	0	5	164
OTH COOP INS	OHIO	5	2.7	14.8	432	310	0	0	0	0	0	0	0	0	0	0	0	0	742
OTH COOP INS	WISCONSIN	12	1.0	5.5	311	0	0	0	0	0	0	0	0	0	0	48	48	0	359
SUBTOTAL - OCI		72	14.0	53.9	3243	393	189	0	0	0	283	0	0	0	0	48	520	519	4675
TOTAL		4575	1878.1	6552.3	63305	11652	5147	1444	7361	1099	11034	1805	5028	1340	224	6868	41351	280926	397235

TABLE IV-F FY 1987 SUMMARY OF FUNDS AND STAFF SUPPORT WITH BREAKOUT BY OTHER FEDERAL FUND SOURCES -- IN THOUSANDS OF DOLLARS

	STATION	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	CSRS ADM	USDA CGCA	NSF	DOE	AID	DOD	NIH	PHS	HHS	NASA	TVA	OTH -ER	TOTAL OTHER FED	TOTAL NON- FED	TOTAL
ALASKA	FAIRBANKS	29	14.7	29.9	1034	0	0	0	0	0	0	0	0	0	0	0	0	3280	4315
ARIZONA	TUCSON	279	153.8	342.3	2558	368	64	0	66	110	83	0	558	0	21	1048	1951	16323	21201
CALIFORNIA	BERKELEY	1214	572.1	1869.1	9635	963	4379	386	266	251	79	8330	76	453	0	938	15159	99872	125629
COLORADO	FT COLLINS	128	211.7	245.9	2416	1326	2994	462	1842	404	0	0	789	299	0	1140	7930	11132	22804
GUAM	AGANA	26	10.7	42.4	1008	0	0	0	0	0	0	0	0	0	0	0	0	479	1487
HAWAII	HONOLULU	236	91.9	168.6	2919	466	246	0	1910	0	0	0	0	0	0	212	2368	9175	14927
IDAHO	MOSCOW	119	60.0	163.4	2122	1758	98	178	0	4	0	0	36	0	15	30	361	8628	12869
MONTANA	BOZEMAN	136	72.9	227.5	1924	440	247	0	456	0	0	75	0	0	10	188	978	8039	11381
NEVADA	RENO	114	33.8	62.9	1248	26	156	19	0	0	22	85	0	0	0	202	485	3712	5471
NEW MEXICO	UNIV PARK	147	63.1	160.2	1780	525	0	0	13	81	0	0	0	0	0	214	308	7539	10152
N MARIANAS	SAIPAN	2	0.0	0.0	225	0	0	0	0	0	0	0	0	0	0	0	0	0	225
OREGON	CORVALLIS	323	272.7	346.2	3524	900	394	851	0	37	0	1301	0	1	0	1198	3781	20132	28338
UTAH	LOGAN	230	76.6	121.1	1914	583	285	5	782	443	4	0	0	162	4	4	1687	7658	11842
WASHINGTON	PULLMAN	300	157.6	371.5	3628	1119	828	126	47	1	0	270	201	76	19	698	2265	17806	24818
WYOMING	LARAMIE	78	48.4	65.3	1751	0	0	439	6	0	205	0	0	0	13	302	966	4224	6940
SUBTOTAL - SAES		3361	1840.0	4216.3	37685	8475	9692	2466	5388	1330	393	10061	1660	990	83	6175	38239	217999	302398
FORESTRY SCH	FLAGSTAFF	21	3.0	13.5	93	100	56	0	0	0	0	0	0	22	0	29	107	352	651
FORESTRY SCH	S L OBISPO	1	0.1	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	25	45
FORESTRY SCH	ARCATA	7	0.6	3.3	57	0	0	0	0	0	0	0	0	0	0	10	10	104	171
FORESTRY SCH	MOSCOW	66	22.1	44.1	294	153	0	23	1	34	0	0	0	0	0	393	451	2418	3316
FORESTRY SCH	MISSOULA	37	13.4	23.5	235	122	0	0	0	0	0	0	0	119	0	25	144	899	1400
FORESTRY SCH	CORVALLIS	91	51.6	137.9	1436	1245	717	75	0	5	0	82	0	44	0	202	1124	4327	8132
FORESTRY SCH	SEATTLE	107	24.0	48.6	271	388	484	344	0	28	0	0	0	68	0	416	1340	2901	4901
SUBTOTAL - FRSTY SCH		330	114.8	271.0	2405	2008	1257	442	1	67	0	82	0	252	0	1074	3176	11027	18616
SCH VET MED	CALIFORNIA	46	51.0	169.8	185	193	0	1955	0	0	5102	250	70	0	0	351	7727	2832	10937
SCH VET MED	COLORADO	10	63.5	165.4	552	121	50	157	206	364	4705	722	861	333	0	132	7529	4852	13054
SCH VET MED	OREGON	23	3.7	9.9	197	60	0	0	0	0	102	0	0	0	0	81	183	450	890
SCH VET MED	WASHINGTON	38	29.5	62.2	175	4	0	0	159	0	165	585	0	0	0	0	909	4433	5520
SUBTOTAL - VET MED		117	147.7	407.3	1110	378	50	2111	365	364	10073	1557	930	333	0	564	16347	12567	30401
OTH COOP INS	ARIZONA	2	0.5	2.4	57	0	105	0	0	0	0	0	0	0	0	0	105	0	162
OTH COOP INS	CALIFORNIA	16	2.6	29.5	1117	0	104	0	0	0	0	0	0	0	0	0	104	197	1418
OTH COOP INS	COLORADO	2	0.3	0.5	104	0	0	0	0	0	0	0	0	0	0	0	0	0	104
OTH COOP INS	HAWAII	1	0.3	0.6	101	0	0	0	0	0	0	0	0	0	0	0	0	0	101
OTH COOP INS	MONTANA	3	1.0	2.4	259	0	0	0	0	0	0	0	0	0	0	25	25	10	294
OTH COOP INS	NEVADA	1	1.0	3.0	205	0	47	0	0	0	0	0	0	0	0	0	47	0	252
OTH COOP INS	NEW MEXICO	4	1.1	3.0	213	0	0	0	0	0	22	0	0	0	0	0	22	1	237
OTH COOP INS	OREGON	3	1.1	3.0	136	0	0	0	0	0	0	0	0	0	0	0	0	0	136
OTH COOP INS	UTAH	3	0.5	1.7	265	0	0	0	0	0	0	0	0	0	0	0	0	2	267
OTH COOP INS	WASHINGTON	17	3.6	6.8	1054	50	0	0	0	0	0	0	10	0	0	0	10	64	1178
OTH COOP INS	WYOMING	1	0.0	0.0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	23
SUBTOTAL - OCI		53	12.0	52.9	3535	50	256	0	0	0	22	0	10	0	0	25	314	274	4173
TOTAL		3861	2114.5	4947.5	44734	10911	11256	5020	5754	1762	10488	11700	2601	1575	83	7838	58076	241867	355589
GRAND TOTAL		16392	7820.9	25177.9	230784	36790	21456	7582	22308	4609	37768	16869	7751	3071	726	25941	148082	1033145	1448801

TABLE IV-G SUMMARY BY ORGANIZATION OF 1987 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

ORGANIZATION	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	MATH /RRP	SCIN STEM	SP GT	COMP GT	EVMS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SAES	14582	6957.5	22722.4	140885	9153	21810	16824	0	3688	48	192408	33018	114907	732501	68418	87357	71171	1299780
1890/TUSKEGEE	233	178.1	429.6	0	0	51	0	20460	0	0	20511	64	155	273	101	1	22	21127
FORESTRY SCHOOLS	613	218.0	447.7	0	2699	813	373	0	0	0	3885	2344	4191	14753	475	2829	3618	32095
VETERINARY SCHOOLS	743	419.4	1406.3	0	0	1413	589	0	1405	0	3407	906	27732	30931	6327	3584	9587	82476
OTHER NON-FEDERAL	221	47.9	171.9	0	0	401	9080	0	0	1092	10572	457	1097	387	65	71	674	13323
TOTAL SAES- OTHER INSTITUTIONS	16392	7820.9	25177.9	140885	11852	24487	26866	20460	5094	1140	230784	36790	148082	778846	75386	93842	85072	1448801

TABLE V-C NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987

RESEARCH PROGRAM GROUP SUMMARY

	USDA				OTHER INSTITUTIONS					
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	323.7	60.4	2.7	386.8	786.5	14.1	18.5	19.2	1.1	839.6	1226.5
RPG 2.00: FOREST RESOURCES	28.2	0.0	708.6	736.8	465.3	1.0	188.6	0.0	5.9	660.9	1397.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1502.4	0.0	0.6	1503.1	2830.6	50.8	4.4	0.0	18.4	2904.3	4407.4
RPG 4.00: ANIMALS	523.3	2.2	0.0	525.6	1436.1	41.2	0.5	391.1	12.0	1881.0	2406.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	30.9	40.9	1.0	72.9	358.1	37.5	1.3	4.6	1.2	402.8	475.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	10.9	321.3	0.1	332.4	431.2	13.1	0.0	1.2	0.5	446.1	778.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	97.6	0.0	0.0	97.6	322.7	0.6	4.3	2.6	6.0	336.4	434.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	196.9	4.0	0.0	201.0	326.6	19.5	0.0	0.5	2.6	349.3	550.3
GRAND TOTAL	2714.3	429.0	713.2	3856.5	6957.5	178.1	218.0	419.4	47.9	7820.9	11677.4

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 2.00: FOREST RESOURCES	1.5	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.4	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	2.4
RPG 4.00: ANIMALS	9.7	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	9.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
GRAND TOTAL	15.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY NORTHEAST REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	62.6	60.4	0.0	123.0	105.9	2.2	6.6	3.7	0.0	118.5	241.6
RPG 2.00: FOREST RESOURCES	10.6	0.0	79.6	90.2	86.3	0.0	44.2	0.0	0.8	131.3	221.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	282.3	0.0	0.0	282.3	318.1	3.5	3.0	0.0	6.0	330.6	613.0
RPG 4.00: ANIMALS	194.4	2.2	0.0	196.7	175.9	0.0	0.0	77.2	2.6	255.7	452.4
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	8.8	40.9	0.0	49.8	78.0	3.9	0.4	3.8	1.0	87.3	137.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	3.8	321.3	0.1	325.2	58.9	0.0	0.0	0.0	0.0	58.9	384.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	43.1	0.0	0.0	43.1	66.9	0.0	3.6	1.2	2.6	74.3	117.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	97.4	4.0	0.0	101.5	74.5	1.2	0.0	0.3	0.4	76.4	178.0
GRAND TOTAL	703.5	429.0	79.8	1212.3	964.7	11.0	58.0	86.3	13.4	1133.4	2345.7

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY SOUTHERN REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	121.0	0.0	2.7	123.7	220.4	11.9	0.9	8.3	0.2	241.9	365.6
RPG 2.00: FOREST RESOURCES	9.4	0.0	163.1	172.6	182.8	1.0	20.0	0.0	0.1	204.0	376.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	558.4	0.0	0.4	558.8	1113.1	43.1	0.0	0.0	1.5	1157.9	1716.8
RPG 4.00: ANIMALS	120.2	0.0	0.0	120.2	516.0	38.8	0.0	99.1	3.7	657.7	778.0
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	21.3	0.0	0.0	21.3	69.9	33.4	0.0	0.2	0.0	103.5	124.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.8	0.0	0.0	1.8	154.7	12.9	0.0	0.0	0.5	168.2	170.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	12.7	0.0	0.0	12.7	78.5	0.6	0.0	1.3	1.2	81.7	94.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	33.0	0.0	0.0	33.0	66.9	11.5	0.0	0.0	1.1	79.6	112.6
GRAND TOTAL	878.2	0.0	166.3	1044.5	2402.7	153.5	21.1	109.1	8.5	2694.9	3739.4

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY NORTH CENTRAL REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	51.4	0.0	0.0	51.4	203.6	0.0	0.7	0.0	0.0	204.3	255.7
RPG 2.00: FOREST RESOURCES	6.0	0.0	171.6	177.7	110.7	0.0	23.3	0.0	1.5	135.5	313.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	318.0	0.0	0.2	318.2	647.5	4.1	0.0	0.0	6.5	658.2	976.4
RPG 4.00: ANIMALS	151.3	0.0	0.0	151.3	399.1	2.4	0.0	75.4	4.8	481.7	633.0
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.7	0.0	1.0	1.7	86.0	0.1	0.0	0.5	0.0	86.7	88.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	4.0	0.0	0.0	4.0	137.7	0.2	0.0	0.1	0.0	138.1	142.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	28.1	0.0	0.0	28.1	80.4	0.0	0.0	0.1	0.7	81.3	109.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	31.4	0.0	0.0	31.4	84.7	6.7	0.0	0.2	0.4	92.0	123.4
GRAND TOTAL	591.2	0.0	172.9	764.1	1750.1	13.6	24.1	76.3	14.0	1878.1	2642.2

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY WESTERN REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	88.5	0.0	0.0	88.5	256.6	0.0	10.2	7.1	0.9	274.9	363.4
RPG 2.00: FOREST RESOURCES	0.5	0.0	294.1	294.6	85.3	0.0	100.9	0.0	3.5	189.9	484.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	341.1	0.0	0.0	341.2	751.7	0.0	1.3	0.0	4.3	757.4	1098.7
RPG 4.00: ANIMALS	47.5	0.0	0.0	47.5	345.0	0.0	0.5	139.4	0.9	485.8	533.4
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	124.0	0.0	0.9	0.0	0.2	125.1	125.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.3	0.0	0.0	0.3	79.8	0.0	0.0	1.1	0.0	80.9	81.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	13.2	0.0	0.0	13.2	96.8	0.0	0.7	0.0	1.4	99.0	112.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	35.0	0.0	0.0	35.0	100.3	0.0	0.0	0.0	0.7	101.0	136.1
GRAND TOTAL	526.4	0.0	294.2	820.6	1840.0	0.0	114.8	147.7	12.0	2114.5	2935.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

FRANCE

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 2.00: FOREST RESOURCES	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1.8	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.8
RPG 4.00: ANIMALS	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
GRAND TOTAL	3.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

ITALY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 2.00: FOREST RESOURCES	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

KENYA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 4.00: ANIMALS	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

MEXICO

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 4.00: ANIMALS	8.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
GRAND TOTAL	8.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

NETHERLANDS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

SOUTH KOREA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 2.00: FOREST RESOURCES	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RPG 4.00: ANIMALS	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY CONNECTICUT

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	CONN N HAV	CONN STORRS	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	4.1	2.8	0.0	0.0	0.0	7.0	7.0
RPG 2.00: FOREST RESOURCES	0.0	0.0	9.5	9.5	5.9	0.9	0.0	0.0	0.0	6.8	16.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	20.4	5.1	0.0	0.0	0.0	25.6	25.6
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	0.6	6.7	0.0	0.0	0.0	7.3	7.3
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.4	1.9	0.0	0.0	0.0	4.4	4.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	1.5	1.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.4	1.4	1.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.4	1.7	0.0	0.0	0.0	3.1	3.1
GRAND TOTAL	0.0	0.0	9.5	9.5	35.1	21.9	0.0	0.0	0.4	57.4	66.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY DELAWARE

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	4.1	1.6	0.0	0.0	0.0	5.7	5.7
RPG 2.00: FOREST RESOURCES	1.0	0.0	0.0	1.0	2.1	0.0	0.0	0.0	0.0	2.1	3.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.8	0.0	0.0	2.8	11.8	1.6	0.0	0.0	0.0	13.4	16.2
RPG 4.00: ANIMALS	5.8	0.0	0.0	5.8	9.6	0.0	0.0	0.0	0.0	9.6	15.4
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	0.8	2.4	0.0	0.0	0.0	3.2	3.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	9.7	0.0	0.0	9.7	31.2	5.6	0.0	0.0	0.0	36.8	46.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY DISTRICT OF COLUMBIA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	60.4	0.0	60.4	1.3	0.0	0.0	0.0	0.0	1.3	61.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	7.0	0.0	0.0	7.0	0.6	0.0	0.0	0.0	0.0	0.6	7.6
RPG 4.00: ANIMALS	0.0	2.2	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	2.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	40.9	0.0	40.9	1.3	0.0	0.0	0.0	1.0	2.3	43.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	321.3	0.0	321.3	0.0	0.0	0.0	0.0	0.0	0.0	321.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	4.0	0.0	4.0	1.5	0.0	0.0	0.0	0.0	1.5	5.5
GRAND TOTAL	7.0	429.0	0.0	436.0	4.7	0.0	0.0	0.0	1.0	5.7	441.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY MAINE

	USDA				OTHER INSTITUTIONS						
	ARS/NHIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	6.2	6.2	17.3	0.0	0.0	0.0	0.0	17.3	23.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	3.9	0.0	0.0	3.9	11.8	0.0	0.0	0.0	0.0	11.8	15.7
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	9.4	0.0	0.0	0.0	0.0	9.4	9.4
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
GRAND TOTAL	3.9	0.0	6.2	10.1	53.2	0.0	0.0	0.0	0.0	53.2	63.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY MARYLAND

	USDA				OTHER INSTITUTIONS						
	ARS/NHIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	41.0	0.0	0.0	41.0	8.7	0.6	0.0	0.0	0.0	9.3	50.4
RPG 2.00: FOREST RESOURCES	9.6	0.0	0.0	9.6	2.9	0.0	0.0	0.0	0.0	2.9	12.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	189.0	0.0	0.0	189.0	29.0	1.9	0.0	0.0	0.0	31.0	220.0
RPG 4.00: ANIMALS	122.1	0.0	0.0	122.1	20.1	0.0	0.0	0.0	0.0	20.1	142.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	8.8	0.0	0.0	8.8	1.4	1.5	0.0	0.0	0.0	2.9	11.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	3.6	0.0	0.0	3.6	3.9	0.0	0.0	0.0	0.0	3.9	7.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	35.0	0.0	0.0	35.0	2.2	0.0	0.0	0.0	0.4	2.6	37.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	66.7	0.0	0.0	66.7	1.5	1.2	0.0	0.0	0.1	2.8	69.6
GRAND TOTAL	476.2	0.0	0.0	476.2	70.0	5.4	0.0	0.0	0.5	75.9	552.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY MASSACHUSETTS

	USDA				OTHER INSTITUTIONS						
	ARS/NHIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RPG 2.00: FOREST RESOURCES	0.0	0.0	3.0	3.0	4.0	0.0	0.0	0.0	0.4	4.4	7.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	13.5	13.5
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	9.5	9.5
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.1	1.4	1.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.6	0.0	0.0	1.6	6.4	0.0	0.0	0.0	0.0	6.4	8.0
GRAND TOTAL	1.6	0.0	3.0	4.6	42.0	0.0	0.0	0.0	0.5	42.5	47.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY NEW HAMPSHIRE

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RPG 2.00: FOREST RESOURCES	0.0	0.0	12.6	12.6	6.0	0.0	0.0	0.0	0.0	6.0	18.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	6.3	6.3
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	8.5	8.5
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
GRAND TOTAL	0.0	0.0	12.6	12.6	28.8	0.0	0.0	0.0	0.0	28.8	41.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY NEW JERSEY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	17.0	17.0
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	27.1	0.0	0.0	0.0	0.0	27.1	27.1
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.6	10.2	10.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	9.3	0.0	0.0	0.0	0.0	9.3	9.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	13.7	13.7
GRAND TOTAL	0.0	0.0	0.0	0.0	89.6	0.0	0.0	0.0	0.6	90.2	90.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY NEW YORK

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	NY ITHACA	NY GENEVA	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	2.0	0.0	0.0	2.0	32.4	0.5	6.6	3.4	0.0	43.0	45.0
RPG 2.00: FOREST RESOURCES	0.0	0.0	1.0	1.0	2.3	0.2	41.3	0.0	0.4	44.4	45.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.0	0.0	0.0	14.0	62.8	50.3	3.0	0.0	5.1	121.3	135.3
RPG 4.00: ANIMALS	18.2	0.0	0.0	18.2	51.5	1.5	0.0	52.4	1.4	106.9	125.1
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	36.0	0.5	0.1	3.7	0.0	40.4	40.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	17.9	0.0	0.0	0.0	0.0	17.9	17.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.5	0.0	0.0	2.5	45.1	0.8	3.5	1.2	1.7	52.4	54.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	4.2	0.0	0.0	4.2	25.4	6.0	0.0	0.3	0.0	31.7	35.9
GRAND TOTAL	41.0	0.0	1.0	42.0	273.8	60.0	54.7	61.2	8.6	458.3	500.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY PENNSYLVANIA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	12.8	0.0	0.0	12.8	13.3	0.0	0.0	0.2	0.0	13.5	26.4
RPG 2.00: FOREST RESOURCES	0.0	0.0	13.4	13.4	23.7	0.0	0.0	0.0	0.0	23.7	37.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	38.9	0.0	0.0	38.9	49.1	0.0	0.0	0.0	0.9	50.0	89.0
RPG 4.00: ANIMALS	48.2	0.0	0.0	48.2	30.3	0.0	0.0	24.7	0.6	55.6	103.9
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.1	0.0	14.6	14.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.1	0.0	0.0	0.1	17.7	0.0	0.0	0.0	0.0	17.7	17.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	5.5	0.0	0.0	5.5	1.2	0.0	0.0	0.0	0.0	1.2	6.7
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	24.9	0.0	0.0	24.9	9.3	0.0	0.0	0.0	0.3	9.6	34.5
GRAND TOTAL	130.7	0.0	13.4	144.1	159.3	0.0	0.0	25.1	1.8	186.2	330.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY RHODE ISLAND

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.3	4.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	8.5	8.5
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
GRAND TOTAL	0.0	0.0	0.0	0.0	29.8	0.0	0.0	0.0	0.0	29.8	29.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY VERMONT

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	11.2	11.2	2.6	0.0	2.8	0.0	0.0	5.4	16.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	7.8	7.8
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.0	0.0	0.3	0.0	0.0	3.3	3.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.1	0.1	1.0	0.0	0.0	0.0	0.0	1.0	1.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.5	0.0	0.1	0.0	0.0	0.6	0.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
GRAND TOTAL	0.0	0.0	11.4	11.4	24.0	0.0	3.3	0.0	0.0	27.3	38.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM GROUP SUMMARY WEST VIRGINIA

	USDA				OTHER INSTITUTIONS						
	ARS/ENIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	6.6	0.0	0.0	6.6	5.0	0.0	0.0	0.0	0.0	5.0	11.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	22.7	22.7	9.7	0.0	0.0	0.0	0.0	9.7	32.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	26.5	0.0	0.0	26.5	13.3	0.0	0.0	0.0	0.0	13.3	39.9
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	9.2	9.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
GRAND TOTAL	33.4	0.0	22.7	56.1	41.3	0.0	0.0	0.0	0.0	41.3	97.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY ALABAMA

	USDA				OTHER INSTITUTIONS						
	ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	ALABAM TUSKEG	ALABAM NORMAL	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	7.1	0.0	0.0	7.1	12.5	0.3	1.3	0.0	0.0	14.1	21.2
RPG 2.00: FOREST RESOURCES	0.0	0.0	6.9	6.9	15.5	0.0	0.6	0.0	0.0	16.1	23.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.8	0.0	0.0	2.8	31.2	4.4	5.1	0.0	0.0	40.7	43.6
RPG 4.00: ANIMALS	5.0	0.0	0.0	5.0	28.9	2.2	0.7	15.0	0.0	46.9	51.9
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.9	1.6	2.1	0.0	0.0	7.6	7.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	8.6	0.3	1.6	0.0	0.0	10.5	10.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.9	0.0	0.1	0.0	0.0	2.0	2.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.3	0.8	1.0	0.0	0.0	6.3	6.3
GRAND TOTAL	15.0	0.0	6.9	21.9	107.2	9.8	12.6	15.0	0.0	144.6	166.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY ARKANSAS

	USDA				OTHER INSTITUTIONS						
	ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	0.0	10.6	10.6
RPG 2.00: FOREST RESOURCES	0.0	0.0	6.3	6.3	11.5	0.0	0.0	0.0	0.0	11.5	17.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.8	0.0	0.0	5.8	48.3	1.3	0.0	0.0	0.0	49.7	55.5
RPG 4.00: ANIMALS	0.6	0.0	0.0	0.6	24.2	5.8	0.0	0.0	0.0	30.0	30.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	4.9	0.7	0.0	0.0	0.0	5.7	5.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	8.7	8.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.8	0.1	0.0	0.0	0.0	1.9	1.9
GRAND TOTAL	6.5	0.0	6.3	12.8	114.1	8.1	0.0	0.0	0.0	122.2	135.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY FLORIDA

	USDA				OTHER INSTITUTIONS						
	ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	6.5	0.0	0.0	6.5	40.6	4.0	0.0	0.5	0.0	45.1	51.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	8.9	8.9	26.5	0.0	0.0	0.0	0.0	26.5	35.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	80.8	0.0	0.0	80.8	216.6	1.7	0.0	0.0	0.2	218.5	299.3
RPG 4.00: ANIMALS	15.2	0.0	0.0	15.2	61.2	1.8	0.0	23.3	0.2	86.5	101.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	20.0	0.0	0.0	20.0	6.2	0.3	0.0	0.0	0.0	6.5	26.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	19.8	0.0	0.0	0.0	0.0	19.8	19.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.6	0.0	0.0	0.6	9.1	0.0	0.0	0.0	0.0	9.1	9.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	11.4	0.2	0.0	0.0	0.0	11.6	11.6
GRAND TOTAL	123.3	0.0	8.9	132.2	391.8	8.1	0.0	23.8	0.4	424.1	556.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY GEORGIA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	21.3	0.0	1.9	23.2	9.9	0.6	0.0	2.3	0.0	12.8	36.1
RPG 2.00: FOREST RESOURCES	0.6	0.0	37.1	37.8	13.1	0.0	0.0	0.0	0.0	13.1	50.9
RPG 3.00: CROPS (FIELI & HORTICULTURAL)	95.7	0.0	0.0	95.7	96.3	3.6	0.0	0.0	0.9	100.9	196.7
RPG 4.00: ANIMALS	28.3	0.0	0.0	28.3	29.1	1.9	0.0	27.3	2.0	60.3	88.6
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.1	1.5	0.0	0.2	0.0	4.8	4.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	14.9	0.7	0.0	0.0	0.0	15.6	15.6
RPG 7.00: GENERAL &ESCURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.1	0.0	0.0	2.1	1.0	0.0	0.0	1.3	0.0	2.4	4.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	21.5	0.0	0.0	21.5	8.2	0.6	0.0	0.0	0.0	8.8	30.3
GRAND TOTAL	169.7	0.0	39.1	208.8	175.9	9.1	0.0	31.2	3.0	219.2	428.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY KENTUCKY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	0.0	0.0	0.0	0.0	8.8	1.3	0.0	0.0	0.0	10.1	10.1
RPG 2.00: FOREST RESOURCES	0.0	0.0	4.1	4.1	9.7	0.4	0.0	0.0	0.0	10.1	14.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	7.6	0.0	0.0	7.6	48.0	2.5	0.0	0.0	0.0	50.5	58.1
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	32.9	1.1	0.0	0.0	0.0	34.0	34.0
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	8.4	4.3	0.0	0.0	0.0	12.8	12.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	12.9	0.3	0.0	0.0	0.0	13.3	13.3
RPG 7.00: GENERAL RESCURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	4.7	0.1	0.0	0.0	0.0	4.8	4.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.4	1.4	0.0	0.0	0.0	2.8	2.8
GRAND TOTAL	7.6	0.0	4.1	11.7	127.1	11.7	0.0	0.0	0.0	138.8	150.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY LOUISIANA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	6.0	0.0	0.7	6.7	13.1	0.0	0.0	0.8	0.0	13.9	20.7
RPG 2.00: FOREST RESOURCES	4.3	0.0	22.6	26.9	9.4	0.0	2.7	0.0	0.0	12.1	39.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	97.7	0.0	0.4	98.1	106.9	1.5	0.0	0.0	0.0	108.4	206.5
RPG 4.00: ANIMALS	8.1	0.0	0.0	8.1	57.1	2.7	0.0	11.0	0.4	71.2	79.3
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	9.6	9.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	8.6	1.9	0.0	0.0	0.0	10.5	10.5
RPG 7.00: GENERAL RESCURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.8	0.0	0.0	2.8	4.1	0.0	0.0	0.0	1.1	5.2	8.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	11.2	0.0	0.0	11.2	4.2	1.0	0.0	0.0	1.1	6.3	17.5
GRAND TOTAL	130.2	0.0	23.8	154.0	213.3	7.1	2.7	11.9	2.6	237.6	391.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY MISSISSIPPI

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	22.1	0.0	0.0	22.1	14.1	0.2	0.0	0.0	0.0	14.3	36.4
RPG 2.00: FOREST RESOURCES	4.0	0.0	32.1	36.1	32.6	0.0	0.0	0.0	0.0	32.6	68.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	77.8	0.0	0.0	77.8	66.5	1.8	0.0	0.0	0.0	68.4	146.2
RPG 4.00: ANIMALS	4.8	0.0	0.0	4.8	51.0	1.3	0.0	0.0	0.4	52.8	57.6
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.7	2.0	0.0	0.0	0.0	4.7	4.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	11.3	0.2	0.0	0.0	0.0	11.6	11.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.7	0.4	0.0	0.0	0.0	2.1	2.1
GRAND TOTAL	108.9	0.0	32.1	141.0	180.2	6.1	0.0	0.0	0.4	186.7	327.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY NORTH CAROLINA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	5.0	0.0	0.0	5.0	20.7	0.3	0.0	0.0	0.0	21.0	26.0
RPG 2.00: FOREST RESOURCES	0.0	0.0	28.5	28.5	26.1	0.0	0.0	0.0	0.1	26.2	54.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	40.5	0.0	0.0	40.5	96.8	3.1	0.0	0.0	0.0	99.9	140.4
RPG 4.00: ANIMALS	0.6	0.0	0.0	0.6	53.1	1.5	0.0	0.0	0.0	54.7	55.3
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	6.3	4.5	0.0	0.0	0.0	10.8	10.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	17.0	1.1	0.0	0.0	0.0	18.2	18.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	4.4	0.0	0.0	4.4	14.4	0.0	0.0	0.0	0.0	14.4	18.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	7.9	1.8	0.0	0.0	0.0	9.7	9.7
GRAND TOTAL	50.6	0.0	28.5	79.1	242.7	12.5	0.0	0.0	0.1	255.3	334.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY OKLAHOMA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	17.0	0.0	0.0	17.0	11.1	0.4	0.0	0.0	0.0	11.5	28.6
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	6.1	6.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	26.6	0.0	0.0	26.6	46.6	3.3	0.0	0.0	0.0	49.9	76.6
RPG 4.00: ANIMALS	8.0	0.0	0.0	8.0	22.6	4.6	0.0	0.0	0.0	27.2	35.3
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	16.4	16.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
GRAND TOTAL	51.8	0.0	0.0	51.8	113.8	8.4	0.0	0.0	0.0	122.2	174.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY PUERTO RICO

	USDA				OTHER INSTITUTIONS						
	ARS/NHIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	2.5	0.0	0.0	2.5	2.6	0.0	0.0	0.0	0.0	2.6	5.1
RPG 2.00: FOREST RESOURCES	0.0	0.0	4.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	4.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.3	0.0	0.0	5.3	60.9	0.0	0.0	0.0	0.0	60.9	66.2
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
GRAND TOTAL	7.8	0.0	4.6	12.4	75.6	0.0	0.0	0.0	0.0	75.6	88.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY SOUTH CAROLINA

	USDA				OTHER INSTITUTIONS						
	ARS/NHIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	6.3	0.0	0.0	6.3	6.9	0.5	0.9	0.0	0.0	8.4	14.8
RPG 2.00: FOREST RESOURCES	0.0	0.0	8.1	8.1	0.2	0.0	13.2	0.0	0.0	13.5	21.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	28.1	0.0	0.0	28.1	50.3	0.5	0.0	0.0	0.0	50.9	79.1
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	18.5	18.5
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.1	5.4	0.0	0.0	0.0	8.5	8.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.6	0.0	0.0	0.6	5.8	0.8	0.0	0.0	0.0	6.6	7.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	4.2	0.4	0.0	0.0	0.0	4.6	4.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.0	0.4	0.0	0.0	0.0	2.4	2.4
GRAND TOTAL	35.2	0.0	8.1	43.3	91.5	8.0	14.3	0.0	0.0	113.8	157.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY TENNESSEE

	USDA				OTHER INSTITUTIONS						
	ARS/NHIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	0.0	0.0	0.0	0.0	9.3	0.3	0.0	0.0	0.0	9.7	9.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	2.6	2.6	8.9	0.0	0.0	0.0	0.0	8.9	11.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1.0	0.0	0.0	1.0	44.1	4.3	0.0	0.0	0.0	48.4	49.4
RPG 4.00: ANIMALS	2.5	0.0	0.0	2.5	26.9	1.0	0.0	0.0	0.0	28.0	30.5
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.6	5.0	0.0	0.0	0.0	8.6	8.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	9.0	1.9	0.0	0.0	0.0	10.9	10.9
RPG 7.00: GENERAL RESCURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.1	0.5	0.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.5	0.9	0.0	0.0	0.0	5.4	5.4
GRAND TOTAL	3.5	0.0	2.6	6.1	107.1	13.7	0.0	0.0	0.1	120.9	127.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY TEXAS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	26.9	0.0	0.0	26.9	38.7	1.0	0.0	4.7	0.2	44.8	71.8
RPG 2.00: FOREST RESOURCES	0.4	0.0	1.3	1.7	8.2	0.0	4.1	0.0	0.0	12.3	14.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	83.7	0.0	0.0	83.7	146.4	2.6	0.0	0.0	0.4	149.4	233.2
RPG 4.00: ANIMALS	45.9	0.0	0.0	45.9	56.6	11.6	0.0	22.4	0.7	91.4	137.3
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	1.3	0.0	0.0	1.3	5.5	4.2	0.0	0.0	0.0	9.7	11.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.2	0.0	0.0	1.2	14.8	1.9	0.0	0.0	0.5	17.3	18.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.7	0.0	0.0	2.7	15.2	0.0	0.0	0.0	0.0	15.2	17.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.5	0.7	0.0	0.0	0.0	5.2	5.2
GRAND TOTAL	162.2	0.0	1.3	163.5	290.3	22.2	4.1	27.2	1.9	345.7	509.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY VIRGIN ISLANDS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RPG 4.00: ANIMALS	1.0	0.0	0.0	1.0	1.6	0.0	0.0	0.0	0.0	1.6	2.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	1.0	0.0	0.0	1.0	5.0	0.0	0.0	0.0	0.0	5.0	6.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM GROUP SUMMARY VIRGINIA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	20.4	1.5	0.0	0.0	0.0	21.9	21.9
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.0	0.0	14.5	14.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	4.6	0.0	0.0	4.6	51.3	7.0	0.0	0.0	0.0	58.3	63.0
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	48.4	2.2	0.0	0.0	0.0	50.6	50.6
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	6.2	1.5	0.0	0.0	0.0	7.7	7.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	4.1	2.0	0.0	0.0	0.0	6.1	6.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	14.1	0.0	0.0	0.0	0.0	14.1	14.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.2	0.0	0.0	0.2	7.7	1.9	0.0	0.0	0.0	9.6	9.9
GRAND TOTAL	4.9	0.0	0.0	4.9	167.1	16.1	0.0	0.0	0.0	183.2	188.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY ILLINOIS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	0.5	0.0	0.0	0.5	18.4	0.0	0.3	0.0	0.0	18.7	19.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	10.7	10.7	9.0	0.0	6.1	0.0	0.1	15.2	25.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	125.7	0.0	0.0	125.7	60.7	0.0	0.0	0.0	1.2	61.9	187.6
RPG 4.00: ANIMALS	2.0	0.0	0.0	2.0	33.0	0.0	0.0	0.0	1.2	34.2	36.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	5.1	5.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.9	0.0	0.0	0.9	16.4	0.0	0.0	0.0	0.0	16.4	17.3
RPG 7.00: GENERAL RESCURCE OR TECHNOLOGY CLASSIFICATION ITEMS	19.1	0.0	0.0	19.1	7.7	0.0	0.0	0.0	0.1	7.8	27.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	16.9	0.0	0.0	16.9	9.7	0.0	0.0	0.0	0.0	9.7	26.6
GRAND TOTAL	165.2	0.0	10.7	175.9	160.4	0.0	6.4	0.0	2.6	169.4	345.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY INDIANA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	7.8	0.0	0.0	7.8	14.1	0.0	0.0	0.0	0.0	14.1	22.0
RPG 2.00: FOREST RESOURCES	0.1	0.0	0.0	0.1	11.6	0.0	0.0	0.0	0.0	11.6	11.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.2	0.0	0.0	14.2	52.2	0.0	0.0	0.0	1.0	53.2	67.4
RPG 4.00: ANIMALS	0.6	0.0	0.0	0.6	39.1	0.0	0.0	0.0	0.0	39.1	39.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	5.6	5.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	11.5	0.0	0.0	0.0	0.0	11.5	11.5
RPG 7.00: GENERAL RESCURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.2	0.0	0.0	0.2	8.6	0.0	0.0	0.0	0.0	8.6	8.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.4	6.9	6.9
GRAND TOTAL	23.0	0.0	0.0	23.0	149.6	0.0	0.0	0.0	1.4	151.0	174.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY IOWA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	2.2	0.0	0.0	2.2	15.6	0.0	0.0	0.0	0.0	15.6	17.9
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	23.2	0.0	0.0	23.2	38.1	0.0	0.0	0.0	0.5	38.6	61.9
RPG 4.00: ANIMALS	65.6	0.0	0.0	65.6	30.5	0.0	0.0	28.6	0.0	59.1	124.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.4	0.0	0.0	0.4	7.3	0.0	0.0	0.0	0.0	7.3	7.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	0.0	10.5	10.5
RPG 7.00: GENERAL RESCURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.3	0.0	0.0	0.3	6.4	0.0	0.0	0.0	0.0	6.4	6.7
GRAND TOTAL	91.8	0.0	0.0	91.8	115.9	0.0	0.0	28.6	0.5	145.0	236.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY KANSAS

	USDA				OTHER INSTITUTIONS						
	ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	5.0	0.0	0.0	5.0	15.7	0.0	0.0	0.0	0.0	15.7	20.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	21.7	0.0	0.0	21.7	105.4	0.0	0.0	0.0	0.0	105.4	127.2
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	46.3	0.0	0.0	0.0	0.0	46.3	46.3
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	7.2	7.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	2.6	0.0	0.0	2.6	12.9	0.0	0.0	0.0	0.0	12.9	15.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	9.1	9.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.3	4.3
GRAND TOTAL	29.4	0.0	0.0	29.4	203.7	0.0	0.0	0.0	0.0	203.7	233.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY MICHIGAN

	USDA				OTHER INSTITUTIONS						
	ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	MICH A ARB	MICH HOUGHT	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	24.4	0.4	0.0	0.0	0.0	24.8	24.8
RPG 2.00: FOREST RESOURCES	0.0	0.0	9.2	9.2	12.5	3.9	13.3	0.0	0.0	29.7	38.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	10.6	0.0	0.0	10.6	48.6	0.0	0.0	0.0	0.2	48.8	59.5
RPG 4.00: ANIMALS	10.4	0.0	0.0	10.4	25.0	0.0	0.0	0.0	0.9	25.9	36.3
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	8.4	8.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	19.4	0.0	0.0	0.0	0.0	19.4	19.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	8.1	8.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.1	0.0	0.0	0.1	11.6	0.0	0.0	0.0	0.0	11.6	11.7
GRAND TOTAL	21.2	0.0	9.2	30.4	158.3	4.4	13.3	0.0	1.1	177.1	207.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY MINNESOTA

	USDA				OTHER INSTITUTIONS						
	ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	11.1	0.0	0.0	11.1	20.4	0.0	0.0	0.0	0.0	20.4	31.5
RPG 2.00: FOREST RESOURCES	2.1	0.0	32.9	35.0	23.2	0.0	0.0	0.0	0.0	23.2	58.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	22.7	0.0	0.0	22.7	56.7	0.0	0.0	0.0	0.0	56.7	79.4
RPG 4.00: ANIMALS	1.0	0.0	0.0	1.0	35.6	0.0	0.0	16.6	1.3	53.5	54.5
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	1.0	1.0	15.4	0.0	0.0	0.0	0.0	15.4	16.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.2	0.0	0.0	0.2	8.9	0.0	0.0	0.0	0.0	8.9	9.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.7	0.0	0.0	0.7	2.7	0.0	0.0	0.0	0.4	3.1	3.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	9.8	9.8
GRAND TOTAL	38.0	0.0	33.9	71.9	173.0	0.0	0.0	16.6	1.7	191.3	263.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY MISSOURI

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	5.0	0.0	0.0	5.0	14.6	0.0	0.0	0.0	0.0	14.6	19.6
RPG 2.00: FOREST RESOURCES	1.0	0.0	3.5	4.5	12.3	0.0	0.0	0.0	0.0	12.3	16.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	16.2	0.0	0.0	16.2	36.9	4.1	0.0	0.0	1.5	42.5	58.7
RPG 4.00: ANIMALS	7.3	0.0	0.0	7.3	25.2	2.4	0.0	21.1	0.1	48.8	56.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.1	0.0	0.0	0.1	5.3	0.1	0.0	0.0	0.0	5.5	5.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	13.1	0.2	0.0	0.1	0.0	13.5	13.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.7	0.0	0.0	2.7	5.5	0.0	0.0	0.1	0.0	5.6	8.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.7	0.0	0.0	0.7	7.9	6.7	0.0	0.2	0.0	14.8	15.5
GRAND TOTAL	33.3	0.0	3.5	36.8	121.2	13.6	0.0	21.5	1.6	157.9	194.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY NEBRASKA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	7.0	0.0	0.0	7.0	19.2	0.0	0.0	0.0	0.0	19.2	26.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	4.2	4.2	2.6	0.0	0.0	0.0	0.0	2.6	6.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	13.1	0.0	0.0	13.1	54.9	0.0	0.0	0.0	0.0	55.0	68.1
RPG 4.00: ANIMALS	38.3	0.0	0.0	38.3	36.1	0.0	0.0	0.0	1.0	37.1	75.4
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.2	0.0	0.0	0.2	6.7	0.0	0.0	0.0	0.0	6.7	6.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.2	0.0	0.0	0.2	5.6	0.0	0.0	0.0	0.0	5.6	5.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.2	0.0	0.0	1.2	4.3	0.0	0.0	0.0	0.2	4.5	5.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4
GRAND TOTAL	60.2	0.0	4.2	64.4	135.1	0.0	0.0	0.0	1.3	136.4	200.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY NORTH DAKOTA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	6.4	0.0	0.0	6.4	16.7	0.0	0.0	0.0	0.0	16.7	23.2
RPG 2.00: FOREST RESOURCES	0.8	0.0	0.0	0.8	4.0	0.0	0.0	0.0	0.0	4.0	4.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	31.1	0.0	0.0	31.1	62.4	0.0	0.0	0.0	0.0	62.4	93.5
RPG 4.00: ANIMALS	20.8	0.0	0.0	20.8	22.5	0.0	0.0	0.0	0.1	22.6	43.5
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	0.0	13.4	13.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.2	0.0	0.0	0.2	6.0	0.0	0.0	0.0	0.0	6.0	6.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	12.9	0.0	0.0	12.9	1.0	0.0	0.0	0.0	0.0	1.0	13.9
GRAND TOTAL	72.5	0.0	0.0	72.5	131.8	0.0	0.0	0.0	0.1	131.9	204.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY OHIO

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	OHIO ALLIAN	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	6.1	0.0	0.0	6.1	17.2	0.0	0.0	0.0	0.0	17.2	23.4
RPG 2.00: FOREST RESOURCES	1.9	0.0	19.4	21.3	11.4	0.0	0.0	0.0	0.5	11.9	33.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	12.5	0.0	0.0	12.5	52.6	0.0	0.0	0.0	2.0	54.6	67.1
RPG 4.00: ANIMALS	0.6	0.0	0.0	0.6	36.0	0.0	0.0	9.1	0.2	45.3	45.9
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	8.6	0.0	0.0	0.5	0.0	9.1	9.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	9.6	9.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.7	0.0	0.0	2.7	2.2	0.0	0.0	0.0	0.0	2.2	5.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4
GRAND TOTAL	24.0	0.0	19.4	43.4	143.5	0.0	0.0	9.6	2.7	155.8	199.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY SOUTH DAKOTA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	0.0	9.9	9.9
RPG 2.00: FOREST RESOURCES	0.0	0.0	5.5	5.5	2.4	0.0	0.0	0.0	0.0	2.4	8.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	9.4	0.0	0.2	9.6	39.1	0.0	0.0	0.0	0.0	39.1	48.7
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	28.2	0.0	0.0	0.0	0.0	28.2	28.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
GRAND TOTAL	9.4	0.0	5.8	15.2	87.0	0.0	0.0	0.0	0.0	87.0	102.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM GROUP SUMMARY WISCONSIN

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	16.7	16.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	86.2	86.2	14.1	0.0	0.0	0.0	0.9	15.0	101.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	17.1	0.0	0.0	17.1	39.3	0.0	0.0	0.0	0.1	39.4	56.6
RPG 4.00: ANIMALS	4.5	0.0	0.0	4.5	41.1	0.0	0.0	0.0	0.0	41.1	45.6
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	0.0	9.9	9.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	12.8	0.0	0.0	0.0	0.0	12.8	12.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.0	0.0	0.0	1.0	22.3	0.0	0.0	0.0	0.0	22.3	23.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.4	0.0	0.0	0.4	14.1	0.0	0.0	0.0	0.0	14.1	14.5
GRAND TOTAL	23.2	0.0	86.2	109.4	170.6	0.0	0.0	0.0	1.0	171.6	281.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY ALASKA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	2.8	0.0	0.0	2.8	3.3	0.0	0.0	0.0	0.0	3.3	6.1
RPG 2.00: FOREST RESOURCES	0.0	0.0	32.6	32.6	3.4	0.0	0.0	0.0	0.0	3.4	36.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1.2	0.0	0.0	1.2	4.7	0.0	0.0	0.0	0.0	4.7	5.9
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
GRAND TOTAL	4.0	0.0	32.6	36.6	14.7	0.0	0.0	0.0	0.0	14.7	51.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY ARIZONA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	19.6	0.0	0.0	19.6	25.7	0.0	0.0	0.0	0.1	25.8	45.4
RPG 2.00: FOREST RESOURCES	0.0	0.0	15.5	15.5	10.0	0.0	3.0	0.0	0.4	13.4	28.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	35.4	0.0	0.0	35.4	49.3	0.0	0.0	0.0	0.0	49.3	84.8
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	39.6	0.0	0.0	0.0	0.0	39.6	39.6
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	11.2	11.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	5.7	5.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	4.3	0.0	0.0	4.3	7.3	0.0	0.0	0.0	0.0	7.3	11.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	4.5	4.5
GRAND TOTAL	59.4	0.0	15.5	74.9	153.8	0.0	3.0	0.0	0.5	157.3	232.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY CALIFORNIA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	21.2	0.0	0.0	21.2	67.2	0.0	0.0	7.1	0.0	74.4	95.6
RPG 2.00: FOREST RESOURCES	0.0	0.0	61.7	61.7	37.7	0.0	0.6	0.0	0.0	38.3	100.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	137.3	0.0	0.0	137.3	216.8	0.0	0.0	0.0	1.2	218.0	355.3
RPG 4.00: ANIMALS	6.6	0.0	0.0	6.6	96.7	0.0	0.0	43.8	0.0	140.6	147.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	28.5	0.0	0.0	0.0	0.2	28.7	28.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.3	0.0	0.0	0.3	23.8	0.0	0.0	0.0	0.0	23.8	24.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	6.3	0.0	0.0	6.3	60.4	0.0	0.0	0.0	1.1	61.5	67.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	33.8	0.0	0.0	33.8	40.7	0.0	0.0	0.0	0.0	40.7	74.5
GRAND TOTAL	205.7	0.0	61.7	267.4	572.1	0.0	0.7	51.0	2.6	626.4	893.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY COLORADO

	USDA				OTHER INSTITUTIONS						
	ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	21.0	0.0	0.0	21.0	56.1	0.0	0.0	0.0	0.0	56.1	77.2
RPG 2.00: FOREST RESOURCES	0.0	0.0	19.1	19.1	5.6	0.0	0.0	0.0	0.3	5.9	25.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	26.3	0.0	0.0	26.3	91.1	0.0	0.0	0.0	0.0	91.1	117.5
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	33.6	0.0	0.0	63.4	0.0	97.0	97.1
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	9.6	9.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.7	0.0	0.0	0.7	1.2	0.0	0.0	0.0	0.0	1.3	2.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	10.7	10.7
GRAND TOTAL	48.3	0.0	19.1	67.4	211.7	0.0	0.0	63.5	0.3	275.5	342.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY GUAM

	USDA				OTHER INSTITUTIONS						
	ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	8.5	8.5
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
GRAND TOTAL	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	10.7	10.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY HAWAII

	USDA				OTHER INSTITUTIONS						
	ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	10.7	10.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	4.3	4.3	2.0	0.0	0.0	0.0	0.0	2.0	6.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	13.0	0.0	0.0	13.0	46.3	0.0	0.0	0.0	0.0	46.3	59.3
RPG 4.00: ANIMALS	2.0	0.0	0.0	2.0	12.2	0.0	0.0	0.0	0.0	12.2	14.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.3	9.0	9.0
GRAND TOTAL	15.0	0.0	4.3	19.3	91.9	0.0	0.0	0.0	0.3	92.2	111.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY IDAHO

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	12.6	0.0	0.0	12.6	10.2	0.0	3.1	0.0	0.0	13.4	26.0
RPG 2.00: FOREST RESOURCES	0.0	0.0	22.7	22.7	0.8	0.0	16.4	0.0	0.0	17.3	40.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	9.6	0.0	0.0	9.6	29.5	0.0	1.1	0.0	0.0	30.6	40.2
RPG 4.00: ANIMALS	5.8	0.0	0.0	5.8	7.6	0.0	0.5	0.0	0.0	8.1	13.9
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.5	0.0	0.9	0.0	0.0	4.4	4.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5	5.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
GRAND TOTAL	28.1	0.0	22.7	50.8	60.0	0.0	22.1	0.0	0.0	82.1	132.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY MONTANA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.9	0.0	0.0	0.9	7.3	0.0	0.0	0.0	0.8	8.1	9.0
RPG 2.00: FOREST RESOURCES	0.0	0.0	28.2	28.2	1.5	0.0	13.4	0.0	0.2	15.1	43.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.3	0.0	0.0	14.3	37.4	0.0	0.0	0.0	0.0	37.4	51.8
RPG 4.00: ANIMALS	6.4	0.0	0.0	6.4	18.4	0.0	0.0	0.0	0.0	18.4	24.8
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	21.7	0.0	28.2	49.9	72.9	0.0	13.4	0.0	1.0	87.3	137.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY NEVADA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	6.3	6.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	1.0	1.0	1.4	0.0	0.0	0.0	0.0	1.4	2.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	4.0	0.0	0.0	4.0	6.4	0.0	0.0	0.0	1.0	7.4	11.4
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	13.7	13.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	4.0	0.0	1.0	5.0	33.8	0.0	0.0	0.0	1.0	34.8	39.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY NEW MEXICO

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	0.0	0.0	0.0	0.0	9.3	0.0	0.0	0.0	0.0	9.3	9.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	4.2	4.2	2.0	0.0	0.0	0.0	0.0	2.0	6.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	10.1	0.0	0.0	10.1	30.3	0.0	0.0	0.0	1.0	31.3	41.5
RPG 4.00: ANIMALS	0.8	0.0	0.0	0.8	10.7	0.0	0.0	0.0	0.0	10.7	11.6
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
RPG 7.00: GENERAL RESCURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.1	1.4	1.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
GRAND TOTAL	11.0	0.0	4.2	15.2	63.1	0.0	0.0	0.0	1.1	64.2	79.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY OREGON

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	2.8	0.0	0.0	2.8	34.5	0.0	4.7	0.0	0.0	39.2	42.1
RPG 2.00: FOREST RESOURCES	0.0	0.0	67.1	67.1	3.9	0.0	46.2	0.0	0.0	50.1	117.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	25.5	0.0	0.0	25.6	106.6	0.0	0.2	0.0	1.0	107.8	133.4
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	41.9	0.0	0.0	3.7	0.0	45.6	45.6
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	51.9	0.0	0.0	0.0	0.0	51.9	51.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RPG 7.00: GENERAL RESCURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	11.1	0.0	0.3	0.0	0.0	11.5	11.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	20.3	0.0	0.0	0.0	0.0	20.3	20.3
GRAND TOTAL	28.4	0.0	67.2	95.6	272.7	0.0	51.6	3.7	1.1	329.1	424.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY UTAH

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	0.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	8.6	8.6
RPG 2.00: FOREST RESOURCES	0.0	0.0	16.1	16.1	4.5	0.0	0.0	0.0	0.0	4.5	20.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	13.5	0.0	0.0	13.5	23.2	0.0	0.0	0.0	0.0	23.2	36.7
RPG 4.00: ANIMALS	10.0	0.0	0.0	10.0	27.6	0.0	0.0	0.0	0.1	27.7	37.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RPG 7.00: GENERAL RESCURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.4	5.5	5.5
GRAND TOTAL	23.5	0.0	16.1	39.6	76.6	0.0	0.0	0.0	0.5	77.1	116.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY WASHINGTON

	USDA				OTHER INSTITUTIONS					
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	6.2	0.0	0.0	6.2	11.3	0.0	2.2	0.0	0.0	13.6	19.9
RPG 2.00: FOREST RESOURCES	0.5	0.0	16.8	17.3	9.0	0.0	21.2	0.0	2.6	32.9	50.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	48.2	0.0	0.0	48.2	86.8	0.0	0.0	0.0	0.1	86.9	135.2
RPG 4.00: ANIMALS	7.3	0.0	0.0	7.3	21.6	0.0	0.0	28.4	0.8	50.8	58.1
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	7.8	7.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	11.1	0.0	0.0	1.1	0.0	12.2	12.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.7	0.0	0.0	1.7	4.4	0.0	0.3	0.0	0.1	4.8	6.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.2	0.0	0.0	1.2	5.2	0.0	0.0	0.0	0.0	5.2	6.4
GRAND TOTAL	65.3	0.0	16.8	82.1	157.6	0.0	24.0	29.5	3.6	214.7	296.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM GROUP SUMMARY WYOMING

	USDA				OTHER INSTITUTIONS					
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	1.1	0.0	0.0	1.1	4.7	0.0	0.0	0.0	0.0	4.7	5.8
RPG 2.00: FOREST RESOURCES	0.0	0.0	4.8	4.8	2.4	0.0	0.0	0.0	0.0	2.4	7.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.4	0.0	0.0	2.4	14.2	0.0	0.0	0.0	0.0	14.2	16.6
RPG 4.00: ANIMALS	8.4	0.0	0.0	8.4	18.0	0.0	0.0	0.0	0.0	18.0	26.5
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
GRAND TOTAL	12.0	0.0	4.8	16.8	48.4	0.0	0.0	0.0	0.0	48.4	65.2

TABLE V-B NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987

RESEARCH PROGRAM SUMMARY

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	130.0	36.4	0.0	166.5	270.6	2.2	1.0	0.0	0.4	274.3	440.8
RP 1.02:	WATER & WATERSHEDS	123.4	21.2	0.7	145.5	165.6	2.0	2.4	0.0	0.3	170.4	315.9
RP 1.03:	RECREATION	0.3	1.0	0.0	1.4	18.3	0.0	1.6	0.0	0.0	19.9	21.4
RP 1.04:	ENVIRONMENTAL QUALITY	48.5	0.7	0.0	49.2	181.2	2.5	6.8	16.3	0.2	207.2	256.5
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	4.5	0.0	1.9	6.4	52.4	0.6	1.8	0.0	0.1	55.0	61.5
RP 1.06:	FISH & WILDLIFE	0.0	0.9	0.0	0.9	84.1	5.4	4.7	2.8	0.0	97.2	98.1
RP 1.07:	REMOTE SENSING	16.6	0.0	0.0	16.6	10.8	1.3	0.0	0.0	0.0	12.1	28.8
RP 1.08:	AQUATIC WEEDS	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	46.7	46.7	24.0	0.0	6.5	0.0	0.0	30.5	77.2
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	176.1	176.1	130.7	1.0	60.2	0.0	1.4	193.4	369.6
RP 2.03:	FOREST PROTECTION	9.8	0.0	149.8	159.7	67.9	0.0	13.6	0.0	0.6	82.1	241.9
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	146.7	146.7	107.9	0.0	56.7	0.0	2.7	167.3	314.1
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	92.3	92.3	56.8	0.0	27.1	0.0	0.0	84.0	176.3
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	57.0	57.0	31.9	0.0	11.4	0.0	0.0	43.4	100.4
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	18.9	18.9	12.6	0.0	5.8	0.0	0.0	18.4	37.3
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	15.7	15.7	13.2	0.0	3.3	0.0	0.0	16.5	32.3
RP 2.09:	TECHNICAL ASSISTANCE	16.4	0.0	0.0	16.4	14.4	0.0	1.2	0.0	0.0	15.6	32.0
RP 2.10:	TREES, FORESTS & FOREST PRODUCTS -- GENERAL	1.9	0.0	5.0	6.9	2.5	0.0	2.0	0.0	0.6	5.1	12.0
RP 2.11:	FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	3.1	0.0	0.5	0.0	0.5	4.1	4.1
RP 3.01:	CORN	121.8	0.0	0.0	121.8	187.3	0.9	0.0	0.0	0.6	188.9	310.7
RP 3.02:	GRAIN SORGHUM	15.3	0.0	0.0	15.3	62.0	0.6	0.0	0.0	0.0	62.7	78.1
RP 3.03:	WHEAT	107.9	0.0	0.0	107.9	196.1	0.6	0.0	0.0	0.0	196.8	304.7
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	25.4	0.0	0.0	25.4	84.8	0.5	0.0	0.0	1.9	87.2	112.7
RP 3.05:	RICE	13.4	0.0	0.0	13.4	45.8	0.0	0.0	0.0	0.0	45.8	59.3
RP 3.06:	SOYBEANS	131.7	0.0	0.0	131.7	195.2	15.0	0.0	0.0	3.0	213.2	345.0
RP 3.07:	PEANUTS	36.3	0.0	0.0	36.3	39.3	0.9	0.0	0.0	0.0	40.2	76.6
RP 3.08:	SUGAR	40.2	0.0	0.0	40.2	40.0	0.3	0.0	0.0	0.0	40.4	80.6
RP 3.09:	FORAGE, RANGE, & PASTURE	182.0	0.0	0.6	182.6	348.0	4.6	1.1	0.0	0.2	354.0	536.7
RP 3.10:	COTTON	174.4	0.0	0.0	174.4	99.6	0.0	0.0	0.0	0.1	99.8	274.3
RP 3.11:	TOBACCO	27.7	0.0	0.0	27.7	53.1	0.0	0.0	0.0	0.2	53.3	81.0
RP 3.12:	NEW CROPS & MINOR OILSEEDS	41.2	0.0	0.0	41.2	64.1	0.0	0.0	0.0	0.0	64.2	105.5
RP 3.13:	FRUIT	195.4	0.0	0.0	195.4	426.0	2.2	0.0	0.0	0.3	428.5	624.0
RP 3.14:	VEGETABLE CROPS	147.4	0.0	0.0	147.4	482.9	22.2	0.0	0.0	0.9	506.0	653.5
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	24.9	0.0	0.0	24.9	214.0	1.7	0.0	0.0	0.1	215.8	240.7
RP 3.16:	BEES & OTHER POLLINATING INSECTS	22.3	0.0	0.0	22.3	10.4	0.2	0.0	0.0	0.0	10.7	33.1
RP 3.17:	WEEDS IN CROPS	20.7	0.0	0.0	20.7	11.9	0.0	0.2	0.0	0.0	12.2	32.9

TABLE V-B NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987

RESEARCH PROGRAM SUMMARY

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.18:	SEEDS	9.3	0.0	0.0	9.3	26.7	0.0	0.0	0.0	0.3	27.0	36.4
RP 3.19:	NONSPECIFIC PLANTS	164.0	0.0	0.0	164.0	242.4	0.4	3.0	0.0	10.6	256.7	420.7
RP 4.01:	BEEF	146.4	0.4	0.0	146.8	364.0	2.8	0.0	75.7	1.7	444.4	591.2
RP 4.02:	DAIRY	103.0	0.9	0.0	103.9	274.8	3.2	0.0	44.8	0.7	323.6	427.6
RP 4.03:	POULTRY	69.0	0.6	0.0	69.6	212.1	2.9	0.0	27.2	2.6	244.9	314.6
RP 4.04:	SHEEP	31.6	0.0	0.0	31.6	75.9	0.4	0.0	21.9	0.0	98.3	129.9
RP 4.05:	SWINE	78.0	0.2	0.0	78.3	160.2	5.9	0.0	29.2	1.1	196.7	275.0
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	6.0	0.0	0.0	6.0	72.1	18.7	0.0	97.9	0.3	189.2	195.2
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	5.5	0.0	0.0	5.5	80.8	6.8	0.5	4.6	2.4	95.2	100.7
RP 4.08:	NONSPECIFIC ANIMALS	11.7	0.0	0.0	11.7	105.3	0.1	0.0	89.0	0.0	194.4	206.2
RP 4.09:	INVERTEBRATES	71.8	0.0	0.0	71.8	90.5	0.0	0.0	0.4	3.0	94.0	165.8
RP 5.01:	INDIVIDUALS AND FAMILIES	4.3	8.0	0.0	12.3	89.7	13.3	0.0	0.0	0.0	103.1	115.5
RP 5.02:	LIVING ENVIRONMENT	0.6	0.0	0.0	0.6	25.8	6.6	0.0	0.0	0.0	32.5	33.1
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	6.1	32.5	0.0	38.6	147.7	17.4	1.0	4.6	1.2	172.0	210.6
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	19.9	0.0	0.0	19.9	36.9	0.0	0.0	0.0	0.0	36.9	56.9
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.3	1.0	1.3	57.7	0.0	0.3	0.0	0.0	58.0	59.4
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	1.6	77.8	0.0	79.5	180.9	6.7	0.0	0.1	0.0	187.8	267.3
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	3.1	125.1	0.0	128.3	73.1	1.2	0.0	1.1	0.0	75.4	203.7
RP 6.03:	MARKETING & COMPETITION	6.1	118.2	0.1	124.5	177.2	5.2	0.0	0.0	0.4	182.9	307.4
RP 7.01:	MANMADE RESOURCES	7.7	0.0	0.0	7.7	24.7	0.0	1.6	0.1	1.1	27.7	35.4
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	89.8	0.0	0.0	89.8	298.0	0.6	2.6	2.5	4.8	308.7	398.6
RP 8.01:	HUMAN NUTRITION	108.4	2.1	0.0	110.5	153.3	16.9	0.0	0.0	0.8	171.1	281.7
RP 8.02:	FOOD PROCESSING	2.4	0.0	0.0	2.4	35.4	0.5	0.0	0.0	1.1	37.0	39.4
RP 8.03:	FOOD SAFETY	84.1	1.9	0.0	86.0	119.4	1.7	0.0	0.5	0.7	122.4	208.4
RP 8.04:	FOOD STORAGE DISTRIBUTION AND MARKETING	2.0	0.0	0.0	2.0	10.6	0.0	0.0	0.0	0.0	10.6	12.7
RP 8.05:	FOOD SERVICE	0.0	0.0	0.0	0.0	7.6	0.2	0.0	0.0	0.0	7.9	7.9
GRAND TOTAL		2714.3	429.0	713.2	3856.5	6957.5	178.1	218.0	419.4	47.9	7820.9	11677.4

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 FOREIGN

RESEARCH PROGRAM SUMMARY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 2.03: FOREST PROTECTION	1.2	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2
RP 2.09: TECHNICAL ASSISTANCE	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 3.02: GRAIN SORGHUM	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.09: FORAGE, RANGE, & PASTURE	1.2	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2
RP 3.14: VEGETABLE CROPS	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 4.01: BEEF	8.6	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	8.6
RP 4.02: DAIRY	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 4.08: NONSPECIFIC ANIMALS	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 4.09: INVERTEBRATES	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
GRAND TOTAL	15.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY NORTHEAST REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	20.4	36.4	0.0	56.8	29.6	0.2	0.3	0.0	0.0	30.1	87.0
RP 1.02: WATER & WATERSHEDS	12.0	21.2	0.0	33.2	10.6	0.0	0.3	0.0	0.0	10.9	44.2
RP 1.03: RECREATION	0.0	1.0	0.0	1.0	1.8	0.0	0.1	0.0	0.0	2.0	3.1
RP 1.04: ENVIRONMENTAL QUALITY	20.3	0.7	0.0	21.0	40.8	0.4	5.2	2.4	0.0	48.9	70.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	5.6	5.6
RP 1.06: FISH & WILDLIFE	0.0	0.9	0.0	0.9	14.5	1.6	0.5	1.3	0.0	17.9	18.8
RP 1.07: REMOTE SENSING	9.8	0.0	0.0	9.8	2.6	0.0	0.0	0.0	0.0	2.6	12.5
RP 1.08: AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	4.1	4.1	3.0	0.0	2.8	0.0	0.0	5.8	9.9
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	22.0	22.0	19.8	0.0	6.5	0.0	0.4	26.7	48.7
RP 2.03: FOREST PROTECTION	8.6	0.0	15.9	24.6	20.4	0.0	5.4	0.0	0.4	26.3	50.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	17.5	17.5	13.4	0.0	19.8	0.0	0.0	33.2	50.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	12.4	12.4	20.8	0.0	5.7	0.0	0.0	26.6	39.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	3.5	3.5	5.1	0.0	0.5	0.0	0.0	5.7	9.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	3.1	3.1	1.5	0.0	0.7	0.0	0.0	2.3	5.4
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	1.0	1.0	1.7	0.0	0.5	0.0	0.0	2.3	3.3
RP 2.09: TECHNICAL ASSISTANCE	2.0	0.0	0.0	2.0	0.0	0.0	1.1	0.0	0.0	1.1	3.1
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.4	0.4
RP 3.01: CORN	5.9	0.0	0.0	5.9	23.2	0.0	0.0	0.0	0.0	23.3	29.2
RP 3.02: GRAIN SORGHUM	1.4	0.0	0.0	1.4	0.8	0.0	0.0	0.0	0.0	0.8	2.2
RP 3.03: WHEAT	6.1	0.0	0.0	6.1	4.6	0.0	0.0	0.0	0.0	4.6	10.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	4.8	0.0	0.0	4.8	6.6	0.0	0.0	0.0	0.0	6.6	11.5
RP 3.05: RICE	1.0	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.0	0.2	1.3
RP 3.06: SOYBEANS	26.7	0.0	0.0	26.7	6.1	1.5	0.0	0.0	0.0	7.6	34.4
RP 3.07: PEANUTS	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
RP 3.08: SUGAR	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
RP 3.09: FORAGE, RANGE, & PASTURE	29.2	0.0	0.0	29.2	25.4	1.6	0.0	0.0	0.0	27.0	56.2
RP 3.10: COTTON	2.3	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	2.3
RP 3.11: TOBACCO	2.3	0.0	0.0	2.3	8.0	0.0	0.0	0.0	0.2	8.2	10.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	7.0	0.0	0.0	7.0	0.2	0.0	0.0	0.0	0.0	0.2	7.3
RP 3.13: FRUIT	45.5	0.0	0.0	45.5	78.8	0.0	0.0	0.0	0.3	79.1	124.7
RP 3.14: VEGETABLE CROPS	48.9	0.0	0.0	48.9	91.4	0.0	0.0	0.0	0.0	91.4	140.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	21.9	0.0	0.0	21.9	36.6	0.0	0.0	0.0	0.0	36.6	58.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	4.0	0.0	0.0	4.0	2.7	0.0	0.0	0.0	0.0	2.7	6.7
RP 3.17: WEEDS IN CROPS	11.7	0.0	0.0	11.7	0.3	0.0	0.0	0.0	0.0	0.3	12.1

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY NORTHEAST REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.18: SEEDS	4.2	0.0	0.0	4.2	4.7	0.0	0.0	0.0	0.0	4.7	9.0
RP 3.19: NONSPECIFIC PLANTS	57.7	0.0	0.0	57.7	27.7	0.3	3.0	0.0	5.5	36.5	94.3
RP 4.01: BEEF	30.7	0.4	0.0	31.2	13.1	0.0	0.0	3.2	0.6	17.0	48.2
RP 4.02: DAIRY	56.3	0.9	0.0	57.2	47.1	0.0	0.0	7.6	0.6	55.4	112.7
RP 4.03: POULTRY	24.2	0.6	0.0	24.9	42.6	0.0	0.0	3.7	0.0	46.4	71.3
RP 4.04: SHEEP	8.0	0.0	0.0	8.0	6.1	0.0	0.0	2.5	0.0	8.6	16.7
RP 4.05: SWINE	31.1	0.2	0.0	31.4	11.0	0.0	0.0	3.0	0.0	14.1	45.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	2.7	0.0	0.0	2.7	7.8	0.0	0.0	42.0	0.0	49.9	52.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.1	0.0	14.7	14.7
RP 4.08: NONSPECIFIC ANIMALS	0.7	0.0	0.0	0.7	14.2	0.0	0.0	14.7	0.0	28.9	29.7
RP 4.09: INVERTEBRATES	40.4	0.0	0.0	40.4	18.9	0.0	0.0	0.0	1.4	20.3	60.7
RP 5.01: INDIVIDUALS AND FAMILIES	4.3	8.0	0.0	12.3	23.7	0.4	0.0	0.0	0.0	24.1	36.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	1.5	0.6	0.0	0.0	0.0	2.2	2.2
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	4.1	32.5	0.0	36.6	43.3	2.8	0.1	3.8	1.0	51.1	87.8
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.4	0.0	0.0	0.4	9.0	0.0	0.0	0.0	0.0	9.0	9.4
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.3	0.0	0.3	0.4	0.0	0.3	0.0	0.0	0.7	1.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.4	77.8	0.0	79.3	25.3	0.0	0.0	0.0	0.0	25.3	104.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.9	125.1	0.0	126.1	13.5	0.0	0.0	0.0	0.0	13.5	139.6
RP 6.03: MARKETING & COMPETITION	1.4	118.2	0.1	119.8	20.0	0.0	0.0	0.0	0.0	20.0	139.8
RP 7.01: MANMADE RESOURCES	2.5	0.0	0.0	2.5	8.3	0.0	1.3	0.0	0.0	9.6	12.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	40.6	0.0	0.0	40.6	58.5	0.0	2.3	1.2	2.6	64.6	105.3
RP 8.01: HUMAN NUTRITION	70.5	2.1	0.0	72.7	36.2	0.7	0.0	0.0	0.4	37.4	110.1
RP 8.02: FOOD PROCESSING	2.4	0.0	0.0	2.4	10.7	0.0	0.0	0.0	0.0	10.7	13.1
RP 8.03: FOOD SAFETY	24.5	1.9	0.0	26.4	22.6	0.5	0.0	0.3	0.0	23.4	49.8
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
GRAND TOTAL	703.5	429.0	79.8	1212.3	964.7	11.0	58.0	86.3	13.4	1133.4	2345.7

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY SOUTHERN REGION

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	39.5	0.0	0.0	39.5	77.8	2.0	0.0	0.0	0.0	79.9	119.4
RP 1.02:	WATER & WATERSHEDS	58.2	0.0	0.7	59.0	50.0	2.0	0.0	0.0	0.0	52.1	111.1
RP 1.03:	RECREATION	0.3	0.0	0.0	0.3	5.2	0.0	0.0	0.0	0.0	5.2	5.6
RP 1.04:	ENVIRONMENTAL QUALITY	14.9	0.0	0.0	14.9	46.9	2.0	0.0	7.0	0.2	56.3	71.2
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	2.2	0.0	1.9	4.2	11.9	0.6	0.0	0.0	0.0	12.6	16.8
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	23.8	3.8	0.8	1.3	0.0	29.8	29.9
RP 1.07:	REMOTE SENSING	5.6	0.0	0.0	5.6	1.7	1.3	0.0	0.0	0.0	3.0	8.6
RP 1.08:	AQUATIC WEEDS	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	17.2	17.2	6.5	0.0	1.1	0.0	0.0	7.6	24.8
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	61.1	61.1	59.0	1.0	8.5	0.0	0.0	68.5	129.6
RP 2.03:	FOREST PROTECTION	0.0	0.0	32.2	32.2	18.3	0.0	4.0	0.0	0.0	22.4	54.6
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	19.9	19.9	57.8	0.0	1.7	0.0	0.1	59.7	79.6
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	18.4	18.4	13.5	0.0	2.2	0.0	0.0	15.7	34.2
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	6.5	6.5	14.2	0.0	1.4	0.0	0.0	15.6	22.1
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	1.4	1.4	3.8	0.0	0.2	0.0	0.0	4.0	5.4
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	1.2	1.2	3.7	0.0	0.7	0.0	0.0	4.5	5.7
RP 2.09:	TECHNICAL ASSISTANCE	9.4	0.0	0.0	9.4	3.2	0.0	0.0	0.0	0.0	3.2	12.7
RP 2.10:	TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	5.0	5.0	1.0	0.0	0.0	0.0	0.0	1.0	6.0
RP 2.11:	FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 3.01:	CORN	32.1	0.0	0.0	32.1	46.1	0.9	0.0	0.0	0.0	47.0	79.2
RP 3.02:	GRAIN SORGHUM	7.2	0.0	0.0	7.2	33.5	0.6	0.0	0.0	0.0	34.1	41.4
RP 3.03:	WHEAT	15.3	0.0	0.0	15.3	47.0	0.6	0.0	0.0	0.0	47.7	63.0
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	2.1	0.0	0.0	2.1	10.0	0.5	0.0	0.0	0.0	10.5	12.7
RP 3.05:	RICE	10.5	0.0	0.0	10.5	37.2	0.0	0.0	0.0	0.0	37.2	47.7
RP 3.06:	SOYBEANS	33.4	0.0	0.0	33.4	105.7	12.2	0.0	0.0	0.9	118.8	152.2
RP 3.07:	PEANUTS	35.5	0.0	0.0	35.5	37.4	0.9	0.0	0.0	0.0	38.3	73.9
RP 3.08:	SUGAR	16.2	0.0	0.0	16.2	29.1	0.3	0.0	0.0	0.0	29.4	45.6
RP 3.09:	FORAGE, RANGE, & PASTURE	54.5	0.0	0.4	54.9	135.8	2.4	0.0	0.0	0.2	138.5	193.5
RP 3.10:	COTTON	144.2	0.0	0.0	144.2	75.2	0.0	0.0	0.0	0.1	75.5	219.8
RP 3.11:	TOBACCO	25.3	0.0	0.0	25.3	43.7	0.0	0.0	0.0	0.0	43.7	69.1
RP 3.12:	NEW CROPS & MINOR OILSEEDS	6.8	0.0	0.0	6.8	12.4	0.0	0.0	0.0	0.0	12.5	19.4
RP 3.13:	FRUIT	75.6	0.0	0.0	75.6	166.3	2.2	0.0	0.0	0.0	168.5	244.1
RP 3.14:	VEGETABLE CROPS	44.3	0.0	0.0	44.3	178.3	20.0	0.0	0.0	0.0	198.3	242.6
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.4	0.0	0.0	0.4	95.0	1.7	0.0	0.0	0.0	96.7	97.2
RP 3.16:	BEES & OTHER POLLINATING INSECTS	8.4	0.0	0.0	8.4	1.3	0.2	0.0	0.0	0.0	1.6	10.0
RP 3.17:	WEEDS IN CROPS	1.4	0.0	0.0	1.4	4.9	0.0	0.0	0.0	0.0	4.9	6.3

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY SOUTHERN REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 3.19: NONSPECIFIC PLANTS	44.5	0.0	0.0	44.5	49.1	0.0	0.0	0.0	0.2	49.5	94.0
RP 4.01: BEEF	48.6	0.0	0.0	48.6	144.7	2.3	0.0	14.0	0.2	161.3	209.9
RP 4.02: DAIRY	9.7	0.0	0.0	9.7	91.4	3.2	0.0	8.4	0.0	103.1	112.8
RP 4.03: POULTRY	28.3	0.0	0.0	28.3	90.2	2.8	0.0	14.6	0.5	108.2	136.5
RP 4.04: SHEEP	2.4	0.0	0.0	2.4	15.1	0.0	0.0	2.2	0.0	17.3	19.8
RP 4.05: SWINE	7.0	0.0	0.0	7.0	54.2	4.9	0.0	8.1	0.0	67.3	74.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.5	0.0	0.0	1.5	30.8	18.4	0.0	31.8	0.3	81.3	82.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	3.5	0.0	0.0	3.5	46.5	6.8	0.0	4.1	2.4	59.9	63.4
RP 4.08: NONSPECIFIC ANIMALS	6.8	0.0	0.0	6.8	19.9	0.1	0.0	15.6	0.0	35.6	42.5
RP 4.09: INVERTEBRATES	12.1	0.0	0.0	12.1	23.0	0.0	0.0	0.0	0.3	23.3	35.5
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	14.7	12.8	0.0	0.0	0.0	27.6	27.6
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	8.3	5.9	0.0	0.0	0.0	14.2	14.2
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	1.7	0.0	0.0	1.7	33.3	14.6	0.0	0.2	0.0	48.2	50.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	19.5	0.0	0.0	19.5	9.6	0.0	0.0	0.0	0.0	9.6	29.2
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	73.0	6.7	0.0	0.0	0.0	79.8	79.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	15.7	1.2	0.0	0.0	0.0	16.9	16.9
RP 6.03: MARKETING & COMPETITION	1.8	0.0	0.0	1.8	65.8	5.0	0.0	0.0	0.4	71.3	73.2
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	1.1	4.3	4.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	12.7	0.0	0.0	12.7	75.3	0.6	0.0	1.3	0.1	77.3	90.1
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	35.1	9.5	0.0	0.0	0.0	44.7	44.7
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	4.6	0.5	0.0	0.0	1.1	6.2	6.2
RP 8.03: FOOD SAFETY	31.4	0.0	0.0	31.4	24.5	1.2	0.0	0.0	0.0	25.8	57.2
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	1.5	0.0	0.0	1.5	1.3	0.0	0.0	0.0	0.0	1.3	2.8
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	1.2	0.2	0.0	0.0	0.0	1.4	1.4
GRAND TOTAL	878.2	0.0	166.3	1044.5	2402.7	153.5	21.1	109.1	8.5	2694.9	3739.4

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY NORTH CENTRAL REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	34.0	0.0	0.0	34.0	95.3	0.0	0.0	0.0	0.0	95.3	129.4
RP 1.02: WATER & WATERSHEDS	9.6	0.0	0.0	9.6	34.6	0.0	0.2	0.0	0.0	34.8	44.4
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.3	4.3
RP 1.04: ENVIRONMENTAL QUALITY	7.0	0.0	0.0	7.0	34.4	0.0	0.2	0.0	0.0	34.6	41.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.7	0.0	0.0	0.7	13.6	0.0	0.2	0.0	0.0	13.9	14.6
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	18.5	18.5
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 1.08: AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	6.5	6.5	8.5	0.0	0.5	0.0	0.0	9.1	15.7
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	21.3	21.3	32.4	0.0	9.4	0.0	0.0	41.8	63.1
RP 2.03: FOREST PROTECTION	0.0	0.0	20.0	20.0	15.8	0.0	0.5	0.0	0.0	16.3	36.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	87.3	87.3	17.8	0.0	5.1	0.0	0.6	23.6	111.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	20.2	20.2	13.0	0.0	4.9	0.0	0.0	17.9	38.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	9.0	9.0	4.1	0.0	0.7	0.0	0.0	4.8	13.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	5.1	5.1	4.7	0.0	0.9	0.0	0.0	5.7	10.8
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	1.9	1.9	4.0	0.0	1.1	0.0	0.0	5.1	7.1
RP 2.09: TECHNICAL ASSISTANCE	4.1	0.0	0.0	4.1	8.4	0.0	0.0	0.0	0.0	8.4	12.5
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	1.9	0.0	0.0	1.9	1.1	0.0	0.0	0.0	0.5	1.6	3.5
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.7	0.7
RP 3.01: CORN	78.1	0.0	0.0	78.1	104.5	0.0	0.0	0.0	0.6	105.1	183.3
RP 3.02: GRAIN SORGHUM	6.1	0.0	0.0	6.1	24.9	0.0	0.0	0.0	0.0	24.9	31.0
RP 3.03: WHEAT	40.8	0.0	0.0	40.8	69.7	0.0	0.0	0.0	0.0	69.7	110.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	9.8	0.0	0.0	9.8	34.5	0.0	0.0	0.0	1.9	36.4	46.2
RP 3.05: RICE	0.1	0.0	0.0	0.1	3.5	0.0	0.0	0.0	0.0	3.5	3.6
RP 3.06: SOYBEANS	69.0	0.0	0.0	69.0	77.9	1.3	0.0	0.0	2.1	81.3	150.3
RP 3.07: PEANUTS	0.5	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.6	1.1
RP 3.08: SUGAR	6.0	0.0	0.0	6.0	6.3	0.0	0.0	0.0	0.0	6.3	12.3
RP 3.09: FORAGE, RANGE, & PASTURE	30.3	0.0	0.2	30.6	66.8	0.6	0.0	0.0	0.0	67.4	98.0
RP 3.10: COTTON	3.6	0.0	0.0	3.6	1.0	0.0	0.0	0.0	0.0	1.0	4.7
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	16.6	0.0	0.0	16.6	20.5	0.0	0.0	0.0	0.0	20.5	37.2
RP 3.13: FRUIT	6.8	0.0	0.0	6.8	40.5	0.0	0.0	0.0	0.0	40.5	47.4
RP 3.14: VEGETABLE CROPS	14.7	0.0	0.0	14.7	81.5	2.2	0.0	0.0	0.0	83.7	98.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	1.9	0.0	0.0	1.9	39.4	0.0	0.0	0.0	0.0	39.4	41.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.17: WEEDS IN CROPS	4.9	0.0	0.0	4.9	3.1	0.0	0.0	0.0	0.0	3.1	8.1

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY NORTH CENTRAL REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.18: SEEDS	3.8	0.0	0.0	3.8	2.6	0.0	0.0	0.0	0.0	2.6	6.4
RP 3.19: NONSPECIFIC PLANTS	24.2	0.0	0.0	24.2	67.8	0.0	0.0	0.0	1.9	69.8	94.0
RP 4.01: BEEF	38.7	0.0	0.0	38.7	104.9	0.4	0.0	8.7	0.4	114.5	153.3
RP 4.02: DAIRY	30.7	0.0	0.0	30.7	76.6	0.0	0.0	9.6	0.0	86.2	116.9
RP 4.03: POULTRY	16.4	0.0	0.0	16.4	47.9	0.0	0.0	5.9	2.1	56.0	72.4
RP 4.04: SHEEP	9.7	0.0	0.0	9.7	19.4	0.4	0.0	0.8	0.0	20.7	30.4
RP 4.05: SWINE	39.9	0.0	0.0	39.9	83.0	1.0	0.0	15.0	1.1	100.2	140.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	13.7	0.3	0.0	10.6	0.0	24.7	24.7
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 4.08: NONSPECIFIC ANIMALS	2.4	0.0	0.0	2.4	37.8	0.0	0.0	24.5	0.0	62.3	64.7
RP 4.09: INVERTEBRATES	13.3	0.0	0.0	13.3	12.6	0.0	0.0	0.0	1.2	13.8	27.2
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	31.7	0.0	0.0	0.0	0.0	31.8	31.8
RP 5.02: LIVING ENVIRONMENT	0.6	0.0	0.0	0.6	10.0	0.1	0.0	0.0	0.0	10.1	10.7
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.1	0.0	0.0	0.1	38.9	0.0	0.0	0.5	0.0	39.4	39.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	1.0	1.0	3.3	0.0	0.0	0.0	0.0	3.3	4.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.2	0.0	0.0	0.2	56.2	0.0	0.0	0.1	0.0	56.3	56.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.9	0.0	0.0	0.9	24.6	0.0	0.0	0.0	0.0	24.6	25.5
RP 6.03: MARKETING & COMPETITION	2.8	0.0	0.0	2.8	56.9	0.1	0.0	0.0	0.0	57.0	59.9
RP 7.01: MANMADE RESOURCES	5.1	0.0	0.0	5.1	9.6	0.0	0.0	0.1	0.0	9.7	14.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	22.9	0.0	0.0	22.9	70.8	0.0	0.0	0.0	0.7	71.5	94.5
RP 8.01: HUMAN NUTRITION	17.1	0.0	0.0	17.1	38.3	6.7	0.0	0.0	0.4	45.4	62.6
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	11.0	11.0
RP 8.03: FOOD SAFETY	13.8	0.0	0.0	13.8	27.5	0.0	0.0	0.2	0.0	27.7	41.6
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.4	0.0	0.0	0.4	4.0	0.0	0.0	0.0	0.0	4.0	4.4
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
GRAND TOTAL	591.2	0.0	172.9	764.1	1750.1	13.6	24.1	76.3	14.0	1878.1	2642.2

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY WESTERN REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	35.9	0.0	0.0	35.9	67.7	0.0	0.6	0.0	0.4	68.9	104.8
RP 1.02: WATER & WATERSHEDS	43.5	0.0	0.0	43.5	70.3	0.0	1.8	0.0	0.3	72.5	116.1
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	6.8	0.0	1.4	0.0	0.0	8.2	8.2
RP 1.04: ENVIRONMENTAL QUALITY	6.3	0.0	0.0	6.3	59.0	0.0	1.4	6.9	0.0	67.3	73.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.4	0.0	0.0	1.4	21.2	0.0	1.5	0.0	0.1	22.8	24.3
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	27.2	0.0	3.3	0.2	0.0	30.8	30.8
RP 1.07: REMOTE SENSING	1.2	0.0	0.0	1.2	4.0	0.0	0.0	0.0	0.0	4.0	5.2
RP 1.08: AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	18.8	18.8	5.7	0.0	2.0	0.0	0.0	7.8	26.6
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	71.7	71.7	19.4	0.0	35.8	0.0	1.0	56.3	128.0
RP 2.03: FOREST PROTECTION	0.0	0.0	81.5	81.5	13.1	0.0	3.7	0.0	0.2	17.0	98.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	21.9	21.9	18.7	0.0	29.9	0.0	1.9	50.6	72.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	41.2	41.2	9.4	0.0	14.1	0.0	0.0	23.6	64.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	37.8	37.8	8.5	0.0	8.7	0.0	0.0	17.2	55.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	9.3	9.3	2.4	0.0	3.9	0.0	0.0	6.3	15.6
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	11.6	11.6	3.5	0.0	0.9	0.0	0.0	4.4	16.0
RP 2.09: TECHNICAL ASSISTANCE	0.5	0.0	0.0	0.5	2.6	0.0	0.1	0.0	0.0	2.7	3.2
RP 2.10: TREES, FORESTS & FOREST PRODUCTS — GENERAL	0.0	0.0	0.0	0.0	0.3	0.0	1.5	0.0	0.1	1.9	1.9
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	1.2	0.0	0.2	0.0	0.1	1.6	1.6
RP 3.01: CORN	5.5	0.0	0.0	5.5	13.4	0.0	0.0	0.0	0.0	13.4	18.9
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 3.03: WHEAT	45.6	0.0	0.0	45.6	74.6	0.0	0.0	0.0	0.0	74.6	120.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	8.5	0.0	0.0	8.5	33.5	0.0	0.0	0.0	0.0	33.5	42.1
RP 3.05: RICE	1.8	0.0	0.0	1.8	4.7	0.0	0.0	0.0	0.0	4.7	6.6
RP 3.06: SOYBEANS	2.5	0.0	0.0	2.5	5.3	0.0	0.0	0.0	0.0	5.3	7.9
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 3.08: SUGAR	17.4	0.0	0.0	17.4	4.6	0.0	0.0	0.0	0.0	4.6	22.0
RP 3.09: FORAGE, RANGE, & PASTURE	66.6	0.0	0.0	66.7	119.8	0.0	1.1	0.0	0.0	121.0	187.7
RP 3.10: COTTON	24.1	0.0	0.0	24.1	23.3	0.0	0.0	0.0	0.0	23.3	47.4
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	10.5	0.0	0.0	10.5	30.9	0.0	0.0	0.0	0.0	30.9	41.5
RP 3.13: FRUIT	67.4	0.0	0.0	67.4	140.3	0.0	0.0	0.0	0.0	140.3	207.7
RP 3.14: VEGETABLE CROPS	38.9	0.0	0.0	38.9	131.6	0.0	0.0	0.0	0.9	132.5	171.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.5	0.0	0.0	0.5	42.9	0.0	0.0	0.0	0.1	43.0	43.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	9.9	0.0	0.0	9.9	5.4	0.0	0.0	0.0	0.0	5.4	15.3
RP 3.17: WEEDS IN CROPS	2.6	0.0	0.0	2.6	3.4	0.0	0.2	0.0	0.0	3.6	6.3

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY WESTERN REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHER	TOTAL	GRAND TOTAL
RP 3.18: SEEDS	1.3	0.0	0.0	1.3	15.0	0.0	0.0	0.0	0.3	15.4	16.7
RP 3.19: NONSPECIFIC PLANTS	37.4	0.0	0.0	37.4	97.7	0.0	0.0	0.0	2.9	100.7	138.2
RP 4.01: BEEF	19.6	0.0	0.0	19.6	101.2	0.0	0.0	49.6	0.5	151.5	171.1
RP 4.02: DAIRY	5.9	0.0	0.0	5.9	59.6	0.0	0.0	19.1	0.1	78.8	84.7
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	31.3	0.0	0.0	2.9	0.0	34.2	34.2
RP 4.04: SHEEP	11.3	0.0	0.0	11.3	35.1	0.0	0.0	16.3	0.0	51.5	62.9
RP 4.05: SWINE	0.0	0.0	0.0	0.0	11.8	0.0	0.0	2.9	0.0	14.9	14.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.7	0.0	0.0	1.7	19.7	0.0	0.0	13.4	0.0	33.1	34.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	2.0	0.0	0.0	2.0	16.7	0.0	0.5	0.4	0.0	17.6	19.6
RP 4.08: NONSPECIFIC ANIMALS	1.6	0.0	0.0	1.6	33.3	0.0	0.0	34.0	0.0	67.4	69.0
RP 4.09: INVERTEBRATES	5.3	0.0	0.0	5.3	35.9	0.0	0.0	0.4	0.1	36.4	41.7
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	19.5	0.0	0.0	0.0	0.0	19.5	19.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	5.9	5.9
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	32.1	0.0	0.9	0.0	0.2	33.2	33.2
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	16.2	0.0	0.0	0.0	0.0	16.2	16.2
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	50.2	0.0	0.0	0.0	0.0	50.2	50.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	26.2	0.0	0.0	0.0	0.0	26.2	26.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.3	0.0	0.0	0.3	19.1	0.0	0.0	1.1	0.0	20.2	20.5
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	34.3	0.0	0.0	0.0	0.0	34.3	34.3
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	3.5	0.0	0.3	0.0	0.0	3.9	3.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	13.2	0.0	0.0	13.2	93.3	0.0	0.3	0.0	1.4	95.1	108.3
RP 8.01: HUMAN NUTRITION	20.7	0.0	0.0	20.7	43.5	0.0	0.0	0.0	0.0	43.5	64.2
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	9.0	9.0
RP 8.03: FOOD SAFETY	14.3	0.0	0.0	14.3	44.6	0.0	0.0	0.0	0.7	45.3	59.7
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
GRAND TOTAL	526.4	0.0	294.2	820.6	1840.0	0.0	114.8	147.7	12.0	2114.5	2935.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

FOREIGN

RESEARCH PROGRAM SUMMARY

FRANCE

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 2.03: FOREST PROTECTION	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.02: GRAIN SORGHUM	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.09: FORAGE, RANGE, & PASTURE	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.14: VEGETABLE CROPS	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 4.09: INVERTEBRATES	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
GRAND TOTAL	3.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

FOREIGN

RESEARCH PROGRAM SUMMARY

ITALY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 2.09: TECHNICAL ASSISTANCE	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 3.09: FORAGE, RANGE, & PASTURE	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

FOREIGN

RESEARCH PROGRAM SUMMARY

KENYA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.01: BEEF	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 4.02: DAIRY	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

FOREIGN

RESEARCH PROGRAM SUMMARY

MEXICO

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.01: BEEF	8.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
GRAND TOTAL	8.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

FOREIGN

RESEARCH PROGRAM SUMMARY

NETHERLANDS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

FOREIGN

RESEARCH PROGRAM SUMMARY

SOUTH KOREA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 2.03: FOREST PROTECTION	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 4.08: NONSPECIFIC ANIMALS	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY CONNECTICUT

	USDA				OTHER INSTITUTIONS						
	ARS/NHIS /OICD	ERS/ ACS	FS	USDA TOTAL	CONN H HAV	CONN STORRS	FRSTRY SCH	VET SCH	OTHER	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.6	0.6
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.2
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	3.8	0.6	0.0	0.0	0.0	4.4	4.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.8	0.8
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	0.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 2.03: FOREST PROTECTION	0.0	0.0	9.5	9.5	4.2	0.0	0.0	0.0	0.0	4.2	13.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	0.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	1.1	1.1
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	0.1	1.1	0.0	0.0	0.0	1.2	1.2
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	4.9	4.9
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5	5.5
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	5.4	0.9	0.0	0.0	0.0	6.3	6.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	2.2	2.6	0.0	0.0	0.0	4.8	4.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.01: BEEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	2.4	2.4
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	1.5	1.5
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	0.4
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.6	1.6	0.0	0.0	0.0	2.2	2.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	1.9	1.9
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.8	0.8
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.7
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.4	1.1	1.1
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.3	1.3
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	1.4	0.3	0.0	0.0	0.0	1.7	1.7
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	0.0	0.0	9.5	9.5	35.1	21.9	0.0	0.0	0.4	57.4	66.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY DELAWARE

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	1.6	1.6
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.03: FOREST PROTECTION	1.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	2.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.01: CORN	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.06: SOYBEANS	0.8	0.0	0.0	0.8	1.0	0.0	0.0	0.0	0.0	1.0	1.9
RP 3.09: FORAGE, RANGE, & PASTURE	0.8	0.0	0.0	0.8	0.0	1.6	0.0	0.0	0.0	1.6	2.4
RP 3.14: VEGETABLE CROPS	0.8	0.0	0.0	0.8	3.8	0.0	0.0	0.0	0.0	3.8	4.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.19: NONSPECIFIC PLANTS	0.2	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.5	0.7
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.03: POULTRY	5.0	0.0	0.0	5.0	5.8	0.0	0.0	0.0	0.0	5.8	10.8
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.09: INVERTEBRATES	0.8	0.0	0.0	0.8	1.6	0.0	0.0	0.0	0.0	1.6	2.4
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.8	2.4	0.0	0.0	0.0	3.2	3.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	9.7	0.0	0.0	9.7	31.2	5.6	0.0	0.0	0.0	36.8	46.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY DISTRICT OF COLUMBIA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	36.4	0.0	36.4	0.2	0.0	0.0	0.0	0.0	0.2	36.7
RP 1.02: WATER & WATERSHEDS	0.0	21.2	0.0	21.2	0.0	0.0	0.0	0.0	0.0	0.0	21.2
RP 1.03: RECREATION	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.7	0.0	0.7	1.0	0.0	0.0	0.0	0.0	1.0	1.7
RP 1.06: FISH & WILDLIFE	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	7.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
RP 4.01: BEEF	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 4.02: DAIRY	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9
RP 4.03: POULTRY	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 4.05: SWINE	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	8.0	0.0	8.0	1.0	0.0	0.0	0.0	0.0	1.0	9.0
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	32.5	0.0	32.5	0.3	0.0	0.0	0.0	1.0	1.3	33.8
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	77.8	0.0	77.8	0.0	0.0	0.0	0.0	0.0	0.0	77.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	125.1	0.0	125.1	0.0	0.0	0.0	0.0	0.0	0.0	125.1
RP 6.03: MARKETING & COMPETITION	0.0	118.2	0.0	118.2	0.0	0.0	0.0	0.0	0.0	0.0	118.2
RP 8.01: HUMAN NUTRITION	0.0	2.1	0.0	2.1	1.5	0.0	0.0	0.0	0.0	1.5	3.6
RP 8.03: FOOD SAFETY	0.0	1.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	1.9
GRAND TOTAL	7.0	429.0	0.0	436.0	4.7	0.0	0.0	0.0	1.0	5.7	441.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY MAINE

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	4.0	4.0	6.4	0.0	0.0	0.0	0.0	6.4	10.4
RP 2.03: FOREST PROTECTION	0.0	0.0	2.2	2.2	2.7	0.0	0.0	0.0	0.0	2.7	4.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.6	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.1	0.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 3.09: FORAGE, RANGE, & PASTURE	0.6	0.0	0.0	0.6	0.7	0.0	0.0	0.0	0.0	0.7	1.3
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 3.14: VEGETABLE CROPS	2.3	0.0	0.0	2.3	8.7	0.0	0.0	0.0	0.0	8.7	11.0
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
GRAND TOTAL	3.9	0.0	6.2	10.1	53.2	0.0	0.0	0.0	0.0	53.2	63.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY MARYLAND

	USDA				OTHER INSTITUTIONS						
	ARS/NHIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	8.6	0.0	0.0	8.6	3.0	0.2	0.0	0.0	0.0	3.2	11.8
RP 1.02: WATER & WATERSHEDS	6.3	0.0	0.0	6.3	1.1	0.0	0.0	0.0	0.0	1.1	7.4
RP 1.04: ENVIRONMENTAL QUALITY	16.2	0.0	0.0	16.2	4.0	0.4	0.0	0.0	0.0	4.4	20.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 1.07: REMOTE SENSING	9.8	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	9.8
RP 1.08: AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 2.03: FOREST PROTECTION	7.6	0.0	0.0	7.6	1.3	0.0	0.0	0.0	0.0	1.3	9.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.09: TECHNICAL ASSISTANCE	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
RP 3.01: CORN	4.5	0.0	0.0	4.5	1.4	0.0	0.0	0.0	0.0	1.5	6.0
RP 3.02: GRAIN SORGHUM	1.4	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.4
RP 3.03: WHEAT	5.9	0.0	0.0	5.9	0.8	0.0	0.0	0.0	0.0	0.8	6.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	2.2	0.0	0.0	2.2	0.6	0.0	0.0	0.0	0.0	0.6	2.8
RP 3.05: RICE	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8
RP 3.06: SOYBEANS	21.6	0.0	0.0	21.6	2.0	1.5	0.0	0.0	0.0	3.6	25.2
RP 3.07: PEANUTS	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
RP 3.08: SUGAR	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
RP 3.09: FORAGE, RANGE, & PASTURE	9.6	0.0	0.0	9.6	3.2	0.0	0.0	0.0	0.0	3.2	12.8
RP 3.10: COTTON	2.3	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	2.3
RP 3.11: TOBACCO	2.3	0.0	0.0	2.3	2.9	0.0	0.0	0.0	0.0	2.9	5.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	6.5	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	6.6
RP 3.13: FRUIT	16.5	0.0	0.0	16.5	3.2	0.0	0.0	0.0	0.0	3.2	19.8
RP 3.14: VEGETABLE CROPS	29.6	0.0	0.0	29.6	6.5	0.0	0.0	0.0	0.0	6.5	36.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	14.9	0.0	0.0	14.9	4.1	0.0	0.0	0.0	0.0	4.1	19.1
RP 3.16: BEES & OTHER POLLINATING INSECTS	4.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
RP 3.17: WEEDS IN CROPS	10.5	0.0	0.0	10.5	0.2	0.0	0.0	0.0	0.0	0.2	10.8
RP 3.18: SEEDS	4.2	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	4.2
RP 3.19: NONSPECIFIC PLANTS	50.6	0.0	0.0	50.6	3.5	0.3	0.0	0.0	0.0	3.9	54.5
RP 4.01: BEEF	11.0	0.0	0.0	11.0	2.2	0.0	0.0	0.0	0.0	2.2	13.2
RP 4.02: DAIRY	28.3	0.0	0.0	28.3	4.7	0.0	0.0	0.0	0.0	4.7	33.1
RP 4.03: POULTRY	16.1	0.0	0.0	16.1	7.2	0.0	0.0	0.0	0.0	7.2	23.3
RP 4.04: SHEEP	5.1	0.0	0.0	5.1	0.2	0.0	0.0	0.0	0.0	0.2	5.4
RP 4.05: SWINE	20.8	0.0	0.0	20.8	1.5	0.0	0.0	0.0	0.0	1.5	22.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY MARYLAND

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.3	0.0	0.0	1.3	2.5	0.0	0.0	0.0	0.0	2.5	3.8
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 4.08:	NONSPECIFIC ANIMALS	0.3	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.2	0.6
RP 4.09:	INVERTEBRATES	38.8	0.0	0.0	38.8	0.5	0.0	0.0	0.0	0.0	0.5	39.4
RP 5.01:	INDIVIDUALS AND FAMILIES	4.3	0.0	0.0	4.3	0.0	0.4	0.0	0.0	0.0	0.4	4.7
RP 5.02:	LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.6	0.6
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	4.1	0.0	0.0	4.1	1.4	0.4	0.0	0.0	0.0	1.8	5.9
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	1.4	0.0	0.0	1.4	2.3	0.0	0.0	0.0	0.0	2.3	3.7
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8
RP 6.03:	MARKETING & COMPETITION	1.4	0.0	0.0	1.4	1.5	0.0	0.0	0.0	0.0	1.5	2.9
RP 7.01:	MANMADE RESOURCES	2.5	0.0	0.0	2.5	0.6	0.0	0.0	0.0	0.0	0.6	3.1
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	32.4	0.0	0.0	32.4	1.6	0.0	0.0	0.0	0.4	2.0	34.5
RP 8.01:	HUMAN NUTRITION	62.4	0.0	0.0	62.4	0.2	0.7	0.0	0.0	0.1	1.0	63.5
RP 8.03:	FOOD SAFETY	4.3	0.0	0.0	4.3	1.2	0.5	0.0	0.0	0.0	1.7	6.0
RP 8.04:	FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL		476.2	0.0	0.0	476.2	70.0	5.4	0.0	0.0	0.5	75.9	552.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY MASSACHUSETTS

		USDA				OTHER INSTITUTIONS						
	ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.4	0.9	0.9
RP 2.03: FOREST PROTECTION	0.0	0.0	0.2	0.2	2.6	0.0	0.0	0.0	0.0	2.6	2.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	2.7	2.7	0.2	0.0	0.0	0.0	0.0	0.2	2.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.1	1.4	1.4
RP 8.01: HUMAN NUTRITION	1.6	0.0	0.0	1.6	0.7	0.0	0.0	0.0	0.0	0.7	2.3
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	1.6	0.0	3.0	4.6	42.0	0.0	0.0	0.0	0.5	42.5	47.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

REGION 1

RESEARCH PROGRAM SUMMARY

NEW HAMPSHIRE

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.02:	WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.07:	REMOTE SENSING	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	6.2	6.2	1.3	0.0	0.0	0.0	0.0	1.3	7.5
RP 2.03:	FOREST PROTECTION	0.0	0.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.8	1.8
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	4.8	4.8	1.0	0.0	0.0	0.0	0.0	1.0	5.8
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.6	0.6	1.1	0.0	0.0	0.0	0.0	1.1	1.7
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.10:	TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.01:	CORN	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.06:	SOYBEANS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.09:	FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.17:	WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 6.03:	MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY NEW HAMPSHIRE

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
GRAND TOTAL	0.0	0.0	12.6	12.6	28.8	0.0	0.0	0.0	0.0	28.8	41.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY NEW JERSEY

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 1.02:	WATER & WATERSHEDS	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	7.2	7.2
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 1.07:	REMOTE SENSING	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.03:	FOREST PROTECTION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 2.09:	TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.01:	CORN	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 3.03:	WHEAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.06:	SOYBEANS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.09:	FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	8.4	8.4
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0	10.4	10.4
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 3.16:	BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.6	2.1	2.1
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 6.03:	MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY NEW JERSEY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	9.2	9.2
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	8.5	8.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	0.0	0.0	0.0	0.0	89.6	0.0	0.0	0.0	0.6	90.2	90.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY NEW YORK

	USDA				OTHER INSTITUTIONS						
	ARS/NHIS /OICD	ERS/ ACS	FS	USDA TOTAL	NY ITHACA	NY GENEVA	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	1.4	0.0	0.0	1.4	10.1	0.1	0.3	0.0	0.0	10.5	12.0
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	2.8	0.0	0.3	0.0	0.0	3.2	3.2
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.5	0.0	0.1	0.0	0.0	0.6	0.6
RP 1.04: ENVIRONMENTAL QUALITY	0.5	0.0	0.0	0.5	6.9	0.4	5.2	2.4	0.0	14.9	15.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	9.1	0.0	0.5	1.0	0.0	10.6	10.6
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	2.7	0.0	0.0	2.8	2.8
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.8	0.0	5.9	0.0	0.0	6.7	6.7
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.7	0.2	5.0	0.0	0.4	6.3	6.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.1	0.0	19.6	0.0	0.0	19.7	19.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.3	0.0	5.6	0.0	0.0	5.9	5.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.6	0.6
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	1.0	1.0	0.0	0.0	0.1	0.0	0.0	0.1	1.1
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.1	1.1
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.3	0.0	0.0	0.3	4.6	0.0	0.0	0.0	0.0	4.6	5.0
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.5	0.0	0.0	0.5	3.5	0.2	0.0	0.0	0.0	3.7	4.3
RP 3.05: RICE	0.1	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.2	0.4
RP 3.06: SOYBEANS	2.0	0.0	0.0	2.0	1.6	0.0	0.0	0.0	0.0	1.6	3.6
RP 3.09: FORAGE, RANGE, & PASTURE	3.9	0.0	0.0	3.9	3.9	0.0	0.0	0.0	0.0	4.0	7.9
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
RP 3.13: FRUIT	1.7	0.0	0.0	1.7	8.1	28.1	0.0	0.0	0.3	36.5	38.2
RP 3.14: VEGETABLE CROPS	2.4	0.0	0.0	2.4	18.1	17.4	0.0	0.0	0.0	35.6	38.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	6.3	0.7	0.0	0.0	0.0	7.0	7.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	2.5	2.2	0.0	0.0	0.0	4.7	4.7
RP 3.19: NONSPECIFIC PLANTS	2.2	0.0	0.0	2.2	10.9	1.0	3.0	0.0	4.6	19.5	21.8
RP 4.01: BEEF	3.6	0.0	0.0	3.6	5.4	0.0	0.0	2.4	0.0	7.9	11.5
RP 4.02: DAIRY	3.6	0.0	0.0	3.6	16.0	0.0	0.0	3.4	0.0	19.5	23.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY NEW YORK

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	NY ITHACA	NY GENEVA	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	8.4	0.0	0.0	2.5	0.0	10.9	10.9
RP 4.04: SHEEP	0.2	0.0	0.0	0.2	0.6	0.0	0.0	1.7	0.0	2.4	2.7
RP 4.05: SWINE	8.1	0.0	0.0	8.1	2.4	0.0	0.0	2.3	0.0	4.8	13.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.4	0.0	0.0	1.4	0.6	0.0	0.0	27.1	0.0	27.8	29.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.1	0.0	3.6	3.6
RP 4.08: NONSPECIFIC ANIMALS	0.4	0.0	0.0	0.4	5.2	0.0	0.0	12.4	0.0	17.7	18.1
RP 4.09: INVERTEBRATES	0.7	0.0	0.0	0.7	9.0	1.5	0.0	0.0	1.4	11.9	12.6
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	14.9	0.0	0.0	0.0	0.0	14.9	14.9
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	17.3	0.5	0.1	3.7	0.0	21.7	21.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0	10.4	10.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	4.5	4.5
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	6.3	0.0	1.3	0.0	0.0	7.6	7.6
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	2.5	0.0	0.0	2.5	38.8	0.8	2.2	1.2	1.7	44.8	47.3
RP 8.01: HUMAN NUTRITION	4.2	0.0	0.0	4.2	21.1	0.0	0.0	0.0	0.0	21.1	25.3
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.6	2.3	0.0	0.0	0.0	3.9	3.9
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	2.3	3.7	0.0	0.3	0.0	6.3	6.3
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
GRAND TOTAL	41.0	0.0	1.0	42.0	273.8	60.0	54.7	61.2	8.6	458.3	500.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY PENNSYLVANIA

		USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	5.8	0.0	0.0	5.8	2.7	0.0	0.0	0.0	0.0	2.7	8.5
RP 1.02: WATER & WATERSHEDS	3.5	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	3.6
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 1.04: ENVIRONMENTAL QUALITY	3.4	0.0	0.0	3.4	8.3	0.0	0.0	0.0	0.0	8.3	11.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.2	0.0	1.9	1.9
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	4.1	4.1	0.1	0.0	0.0	0.0	0.0	0.1	4.2
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	7.7	7.7	3.0	0.0	0.0	0.0	0.0	3.0	10.7
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	1.4	1.4	13.5	0.0	0.0	0.0	0.0	13.5	15.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.1	0.1	0.8	0.0	0.0	0.0	0.0	0.8	0.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.01: CORN	0.2	0.0	0.0	0.2	7.8	0.0	0.0	0.0	0.0	7.8	8.0
RP 3.03: WHEAT	0.2	0.0	0.0	0.2	1.4	0.0	0.0	0.0	0.0	1.4	1.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.8	0.0	0.0	1.8	1.5	0.0	0.0	0.0	0.0	1.5	3.3
RP 3.06: SOYBEANS	2.2	0.0	0.0	2.2	0.2	0.0	0.0	0.0	0.0	0.2	2.5
RP 3.09: FORAGE, RANGE, & PASTURE	9.7	0.0	0.0	9.7	7.6	0.0	0.0	0.0	0.0	7.6	17.4
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.13: FRUIT	6.6	0.0	0.0	6.6	8.5	0.0	0.0	0.0	0.0	8.5	15.1
RP 3.14: VEGETABLE CROPS	13.6	0.0	0.0	13.6	9.2	0.0	0.0	0.0	0.0	9.2	22.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	7.5	7.5
RP 3.17: WEEDS IN CROPS	1.1	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
RP 3.19: NONSPECIFIC PLANTS	3.2	0.0	0.0	3.2	4.8	0.0	0.0	0.0	0.9	5.7	8.9
RP 4.01: BEEF	16.1	0.0	0.0	16.1	2.2	0.0	0.0	0.7	0.6	3.5	19.7
RP 4.02: DAIRY	24.3	0.0	0.0	24.3	9.5	0.0	0.0	4.2	0.0	13.8	38.1
RP 4.03: POULTRY	3.1	0.0	0.0	3.1	10.5	0.0	0.0	1.1	0.0	11.6	14.8
RP 4.04: SHEEP	2.6	0.0	0.0	2.6	1.4	0.0	0.0	0.7	0.0	2.1	4.7
RP 4.05: SWINE	2.0	0.0	0.0	2.0	4.2	0.0	0.0	0.7	0.0	5.0	7.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.2	0.0	0.0	14.8	0.0	15.1	15.1
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	2.3	0.0	3.6	3.6
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	4.9	4.9
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.1	0.0	9.6	9.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY PENNSYLVANIA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	6.6	6.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.1	0.0	0.0	0.1	8.6	0.0	0.0	0.0	0.0	8.6	8.8
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	5.5	0.0	0.0	5.5	1.1	0.0	0.0	0.0	0.0	1.1	6.6
RP 8.01: HUMAN NUTRITION	2.3	0.0	0.0	2.3	3.3	0.0	0.0	0.0	0.3	3.6	5.9
RP 8.02: FOOD PROCESSING	2.4	0.0	0.0	2.4	1.7	0.0	0.0	0.0	0.0	1.7	4.1
RP 8.03: FOOD SAFETY	20.2	0.0	0.0	20.2	3.1	0.0	0.0	0.0	0.0	3.1	23.3
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
GRAND TOTAL	130.7	0.0	13.4	144.1	159.3	0.0	0.0	25.1	1.8	186.2	330.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY RHODE ISLAND

	USDA				OTHER INSTITUTIONS						
	ARS/NHIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 3.01: CORN	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
GRAND TOTAL	0.0	0.0	0.0	0.0	29.8	0.0	0.0	0.0	0.0	29.8	29.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY VERMONT

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	1.0	1.0	1.2	0.0	0.6	0.0	0.0	1.8	2.8
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	2.9	2.9	1.0	0.0	0.2	0.0	0.0	1.2	4.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	4.2	4.2	0.4	0.0	0.1	0.0	0.0	0.5	4.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	3.1	3.1	0.0	0.0	0.4	0.0	0.0	0.4	3.5
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.4
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 4.01: BEEF	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.1	0.1	0.4	0.0	0.0	0.0	0.0	0.4	0.5
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.5	0.0	0.1	0.0	0.0	0.6	0.6
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
GRAND TOTAL	0.0	0.0	11.4	11.4	24.0	0.0	3.3	0.0	0.0	27.3	38.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 1

RESEARCH PROGRAM SUMMARY WEST VIRGINIA

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	4.5	0.0	0.0	4.5	2.7	0.0	0.0	0.0	0.0	2.7	7.2
RP 1.02:	WATER & WATERSHEDS	2.1	0.0	0.0	2.1	0.1	0.0	0.0	0.0	0.0	0.1	2.2
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	3.0	3.0	1.8	0.0	0.0	0.0	0.0	1.8	4.9
RP 2.03:	FOREST PROTECTION	0.0	0.0	3.0	3.0	1.3	0.0	0.0	0.0	0.0	1.3	4.3
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	14.6	14.6	2.8	0.0	0.0	0.0	0.0	2.8	17.4
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	2.0	2.0	0.8	0.0	0.0	0.0	0.0	0.8	2.8
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.11:	FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.01:	CORN	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.3
RP 3.09:	FORAGE, RANGE, & PASTURE	4.3	0.0	0.0	4.3	3.9	0.0	0.0	0.0	0.0	3.9	8.2
RP 3.13:	FRUIT	20.7	0.0	0.0	20.7	5.3	0.0	0.0	0.0	0.0	5.3	26.0
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.19:	NONSPECIFIC PLANTS	1.3	0.0	0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.8	2.2
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.03:	MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
GRAND TOTAL		33.4	0.0	22.7	56.1	41.3	0.0	0.0	0.0	0.0	41.3	97.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY ALABAMA

		USDA				OTHER INSTITUTIONS						
		ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	ALABAM TUSKEG	ALABAM NORMAL	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	7.1	0.0	0.0	7.1	3.6	0.1	0.0	0.0	0.0	3.7	10.8
RP 1.02:	WATER & WATERSHEDS	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	3.2	0.2	0.0	0.0	0.0	3.4	3.4
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 1.07:	REMOTE SENSING	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	1.3	1.3
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	4.9	4.9	5.0	0.0	0.6	0.0	0.0	5.6	10.5
RP 2.03:	FOREST PROTECTION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	2.0	2.0	9.2	0.0	0.0	0.0	0.0	9.2	11.2
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.01:	CORN	0.1	0.0	0.0	0.1	1.1	0.0	0.0	0.0	0.0	1.2	1.3
RP 3.02:	GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.6	0.0	0.2	0.0	0.0	0.9	0.9
RP 3.03:	WHEAT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5
RP 3.06:	SOYBEANS	0.1	0.0	0.0	0.1	7.1	0.0	2.8	0.0	0.0	9.9	10.0
RP 3.07:	PEANUTS	0.0	0.0	0.0	0.0	2.0	0.0	0.1	0.0	0.0	2.1	2.1
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1
RP 3.09:	FORAGE, RANGE, & PASTURE	0.1	0.0	0.0	0.1	2.9	0.0	0.3	0.0	0.0	3.3	3.4
RP 3.10:	COTTON	0.1	0.0	0.0	0.1	2.4	0.0	0.0	0.0	0.0	2.4	2.6
RP 3.12:	MEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	3.1	0.5	0.6	0.0	0.0	4.3	4.3
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	3.5	3.5	0.2	0.0	0.0	7.2	7.2
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	4.5	4.5
RP 3.16:	BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.6	0.6
RP 3.17:	WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.19:	NONSPECIFIC PLANTS	2.4	0.0	0.0	2.4	1.9	0.0	0.0	0.0	0.0	1.9	4.3
RP 4.01:	BEEF	2.4	0.0	0.0	2.4	5.5	0.0	0.3	5.3	0.0	11.2	13.6
RP 4.02:	DAIRY	1.0	0.0	0.0	1.0	3.4	0.0	0.0	1.7	0.0	5.2	6.3
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	6.4	0.5	0.0	0.8	0.0	7.8	7.8
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	3.7	0.5	0.0	1.2	0.0	5.4	5.4
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.4	0.0	0.0	1.4	0.2	1.2	0.4	4.4	0.0	6.3	7.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY ALABAMA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	ALABAM TUSKEG	ALABAM NORMAL	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.1	0.0	0.0	0.1	7.1	0.0	0.0	1.3	0.0	8.4	8.5
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.0	0.0	2.4	2.4
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.8	0.0	0.5	0.0	0.0	1.3	1.3
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.7	0.8	0.8	0.0	0.0	3.3	3.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	5.0	0.0	0.4	0.0	0.0	5.4	5.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	1.2	1.2
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	3.6	0.3	0.0	0.0	0.0	3.9	3.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.9	0.0	0.1	0.0	0.0	2.0	2.0
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.7	0.2	0.9	0.0	0.0	2.8	2.8
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	2.6	0.6	0.1	0.0	0.0	3.4	3.4
GRAND TOTAL	15.0	0.0	6.9	21.9	107.2	9.8	12.6	15.0	0.0	144.6	166.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY ARKANSAS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	6.3	6.3	5.4	0.0	0.0	0.0	0.0	5.4	11.7
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.01: CORN	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.1	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.6	0.7
RP 3.05: RICE	1.8	0.0	0.0	1.8	7.1	0.0	0.0	0.0	0.0	7.1	9.0
RP 3.06: SOYBEANS	0.1	0.0	0.0	0.1	11.2	0.0	0.0	0.0	0.0	11.2	11.4
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.09: FORAGE, RANGE, & PASTURE	2.0	0.0	0.0	2.0	3.2	0.0	0.0	0.0	0.0	3.2	5.2
RP 3.10: COTTON	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	7.3	7.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.13: FRUIT	1.6	0.0	0.0	1.6	2.3	0.0	0.0	0.0	0.0	2.3	3.9
RP 3.14: VEGETABLE CROPS	0.1	0.0	0.0	0.1	6.7	1.3	0.0	0.0	0.0	8.0	8.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.01: BEEF	0.6	0.0	0.0	0.6	7.6	0.0	0.0	0.0	0.0	7.6	8.2
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	10.1	1.1	0.0	0.0	0.0	11.2	11.2
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 4.05: SWINE	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	4.7	4.7
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1967 REGION 2

RESEARCH PROGRAM SUMMARY GEORGIA

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.1	0.0	0.0	0.1	0.0	1.8	0.0	5.3	0.0	7.1	7.3
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.5	2.0	3.6	3.6
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.2	0.0	1.3	1.3
RP 4.09:	INVERTEBRATES	2.9	0.0	0.0	2.9	0.6	0.0	0.0	0.0	0.0	0.6	3.5
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.5	0.8	0.0	0.0	0.0	1.3	1.3
RP 5.02:	LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.3
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.1	0.5	0.0	0.2	0.0	1.9	1.9
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	3.7	0.7	0.0	0.0	0.0	4.4	4.4
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 6.03:	MARKETING & COMPETITION	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	9.7	9.7
RP 7.01:	MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	2.1	0.0	0.0	2.1	1.0	0.0	0.0	1.3	0.0	2.3	4.4
RP 8.01:	HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.6	0.1	0.0	0.0	0.0	3.8	3.8
RP 8.02:	FOOD PROCESSING	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.0	0.6	0.6
RP 8.03:	FOOD SAFETY	19.9	0.0	0.0	19.9	4.3	0.0	0.0	0.0	0.0	4.3	24.3
RP 8.04:	FOOD STORAGE DISTRIBUTION AND MARKETING	1.5	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5
GRAND TOTAL		169.7	0.0	39.1	208.8	175.9	9.1	0.0	31.2	3.0	219.2	428.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY KENTUCKY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	5.2	5.2
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.3	1.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.4	0.4	0.0	0.0	0.0	1.8	1.8
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	4.1	4.1	1.9	0.0	0.0	0.0	0.0	1.9	6.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.10: TREES, FORESTS & FOREST PRODUCTS — GENERAL	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.01: CORN	0.0	0.0	0.0	0.0	3.8	0.4	0.0	0.0	0.0	4.3	4.3
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	1.2	0.1	0.0	0.0	0.0	1.4	1.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	6.6	0.8	0.0	0.0	0.0	7.4	7.4
RP 3.09: FORAGE, RANGE, & PASTURE	2.0	0.0	0.0	2.0	9.7	0.5	0.0	0.0	0.0	10.3	12.3
RP 3.11: TOBACCO	5.6	0.0	0.0	5.6	10.1	0.0	0.0	0.0	0.0	10.1	15.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	6.3	0.4	0.0	0.0	0.0	6.7	6.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 4.01: BEEF	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	6.1	6.1
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5	5.5
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 4.05: SWINE	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	13.7	13.7
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.1	1.1
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.2	1.4	0.0	0.0	0.0	3.6	3.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY KENTUCKY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	PRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.4	1.2	0.0	0.0	0.0	1.7	1.7
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	5.4	1.6	0.0	0.0	0.0	7.1	7.1
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	7.3	0.3	0.0	0.0	0.0	7.6	7.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	5.2	5.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	4.7	0.1	0.0	0.0	0.0	4.8	4.8
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.0	1.3	0.0	0.0	0.0	2.3	2.3
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	7.6	0.0	4.1	11.7	127.1	11.7	0.0	0.0	0.0	138.8	150.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY LOUISIANA

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	0.9	0.0	0.0	0.9	7.2	0.0	0.0	0.0	0.0	7.2	8.2
RP 1.02:	WATER & WATERSHEDS	2.0	0.0	0.7	2.8	0.9	0.0	0.0	0.0	0.0	0.9	3.7
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 1.04:	ENVIRONMENTAL QUALITY	3.0	0.0	0.0	3.0	2.0	0.0	0.0	0.0	0.0	2.0	5.0
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.8	0.0	2.1	2.1
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.3
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	8.6	8.6	3.4	0.0	0.7	0.0	0.0	4.2	12.8
RP 2.03:	FOREST PROTECTION	0.0	0.0	4.7	4.7	1.4	0.0	0.6	0.0	0.0	2.0	6.7
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	8.7	8.7	2.5	0.0	0.3	0.0	0.0	2.8	11.5
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.0	0.0	0.6	0.6
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.4	0.4	0.3	0.0	0.0	0.0	0.0	0.3	0.7
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.2	0.2	1.3	0.0	0.3	0.0	0.0	1.6	1.8
RP 2.09:	TECHNICAL ASSISTANCE	4.3	0.0	0.0	4.3	0.1	0.0	0.0	0.0	0.0	0.1	4.4
RP 3.01:	CORN	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 3.02:	GRAIN SORGHUM	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 3.03:	WHEAT	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.05:	RICE	2.8	0.0	0.0	2.8	17.3	0.0	0.0	0.0	0.0	17.3	20.1
RP 3.06:	SOYBEANS	9.6	0.0	0.0	9.6	13.8	0.0	0.0	0.0	0.0	13.8	23.5
RP 3.07:	PEANUTS	6.7	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	6.7
RP 3.08:	SUGAR	10.3	0.0	0.0	10.3	5.8	0.0	0.0	0.0	0.0	5.8	16.1
RP 3.09:	FORAGE, RANGE, & PASTURE	0.0	0.0	0.4	0.4	15.4	0.0	0.0	0.0	0.0	15.4	15.8
RP 3.10:	COTTON	59.6	0.0	0.0	59.6	10.1	0.0	0.0	0.0	0.0	10.1	69.7
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	9.2	9.2
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	15.6	1.5	0.0	0.0	0.0	17.1	17.1
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	6.4	6.4
RP 3.16:	BEES & OTHER POLLINATING INSECTS	6.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
RP 3.17:	WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.19:	NONSPECIFIC PLANTS	2.6	0.0	0.0	2.6	1.7	0.0	0.0	0.0	0.0	1.7	4.3
RP 4.01:	BEEF	2.4	0.0	0.0	2.4	19.3	0.5	0.0	2.8	0.0	22.7	25.1
RP 4.02:	DAIRY	1.6	0.0	0.0	1.6	14.4	0.5	0.0	2.5	0.0	17.5	19.1
RP 4.03:	POULTRY	0.8	0.0	0.0	0.8	5.9	0.7	0.0	0.8	0.0	7.4	8.2
RP 4.04:	SHEEP	0.1	0.0	0.0	0.1	0.7	0.0	0.0	1.1	0.0	1.8	1.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY LOUISIANA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.05: SWINE	0.0	0.0	0.0	0.0	1.4	1.0	0.0	1.2	0.0	3.6	3.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	2.6	0.0	0.0	1.6	0.1	4.3	4.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	3.2	0.0	0.0	3.2	9.7	0.0	0.0	0.8	0.0	10.5	13.7
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.3	2.6	2.6
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.0	1.9	0.0	0.0	0.0	5.9	5.9
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	1.1	1.3	1.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	2.8	0.0	0.0	2.8	3.8	0.0	0.0	0.0	0.0	3.8	6.6
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.2	1.0	0.0	0.0	0.0	4.2	4.2
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1
RP 8.03: FOOD SAFETY	11.2	0.0	0.0	11.2	0.9	0.0	0.0	0.0	0.0	0.9	12.1
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	130.2	0.0	23.8	154.0	213.3	7.1	2.7	11.9	2.6	237.6	391.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY MISSISSIPPI

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	5.0	0.0	0.0	5.0	5.1	0.0	0.0	0.0	0.0	5.1	10.2
RP 1.02:	WATER & WATERSHEDS	12.6	0.0	0.0	12.6	1.1	0.0	0.0	0.0	0.0	1.1	13.7
RP 1.04:	ENVIRONMENTAL QUALITY	2.1	0.0	0.0	2.1	3.4	0.2	0.0	0.0	0.0	3.6	5.8
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	2.2	0.0	0.0	2.2	0.9	0.0	0.0	0.0	0.0	0.9	3.2
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	5.5	5.5	2.0	0.0	0.0	0.0	0.0	2.0	7.5
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	8.8	8.8	4.0	0.0	0.0	0.0	0.0	4.0	12.8
RP 2.03:	FOREST PROTECTION	0.0	0.0	7.8	7.8	3.0	0.0	0.0	0.0	0.0	3.0	10.8
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0	21.1	21.1
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.09:	TECHNICAL ASSISTANCE	4.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
RP 2.10:	TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
RP 2.11:	FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.01:	CORN	5.9	0.0	0.0	5.9	1.3	0.0	0.0	0.0	0.0	1.3	7.2
RP 3.02:	GRAIN SORGHUM	0.2	0.0	0.0	0.2	4.1	0.0	0.0	0.0	0.0	4.1	4.3
RP 3.03:	WHEAT	0.4	0.0	0.0	0.4	2.4	0.0	0.0	0.0	0.0	2.4	2.9
RP 3.05:	RICE	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 3.06:	SOYBEANS	12.3	0.0	0.0	12.3	13.6	0.0	0.0	0.0	0.0	13.6	25.9
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.2
RP 3.09:	FORAGE, RANGE, & PASTURE	8.2	0.0	0.0	8.2	6.5	0.3	0.0	0.0	0.0	6.8	15.1
RP 3.10:	COTTON	44.9	0.0	0.0	44.9	16.3	0.0	0.0	0.0	0.0	16.3	61.2
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.4	0.5
RP 3.13:	FRUIT	4.3	0.0	0.0	4.3	5.1	0.6	0.0	0.0	0.0	5.7	10.0
RP 3.14:	VEGETABLE CROPS	0.3	0.0	0.0	0.3	3.7	0.6	0.0	0.0	0.0	4.3	4.6
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	4.9	4.9
RP 3.17:	WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 3.19:	NONSPECIFIC PLANTS	0.8	0.0	0.0	0.8	2.0	0.0	0.0	0.0	0.0	2.0	2.8
RP 4.01:	BEEF	0.8	0.0	0.0	0.8	7.8	0.3	0.0	0.0	0.0	8.1	9.0
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	6.2	0.6	0.0	0.0	0.0	6.8	6.8
RP 4.03:	POULTRY	4.0	0.0	0.0	4.0	9.7	0.2	0.0	0.0	0.0	9.9	13.9
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY MISSISSIPPI

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	16.5	0.2	0.0	0.0	0.4	17.2	17.2
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	6.0
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.4	0.4
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.7	0.7
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.1	1.1	0.0	0.0	0.0	2.3	2.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	4.3	0.1	0.0	0.0	0.0	4.5	4.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	6.0	6.0
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.3	0.4	0.0	0.0	0.0	1.7	1.7
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
GRAND TOTAL	108.9	0.0	32.1	141.0	180.2	6.1	0.0	0.0	0.4	186.7	327.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY NORTH CAROLINA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	7.5	7.5
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.04: ENVIRONMENTAL QUALITY	5.0	0.0	0.0	5.0	5.3	0.0	0.0	0.0	0.0	5.3	10.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	1.6	0.3	0.0	0.0	0.0	1.9	1.9
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	11.7	11.7	0.2	0.0	0.0	0.0	0.0	0.2	11.9
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	8.3	8.3	11.5	0.0	0.0	0.0	0.0	11.5	19.8
RP 2.03: FOREST PROTECTION	0.0	0.0	1.7	1.7	2.6	0.0	0.0	0.0	0.0	2.6	4.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	2.1	2.1	7.8	0.0	0.0	0.0	0.1	7.9	10.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	3.5	3.5	1.8	0.0	0.0	0.0	0.0	1.8	5.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	1.0	1.0	0.4	0.0	0.0	0.0	0.0	0.4	1.4
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.01: CORN	4.0	0.0	0.0	4.0	10.8	0.3	0.0	0.0	0.0	11.2	15.3
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.03: WHEAT	0.7	0.0	0.0	0.7	1.0	0.0	0.0	0.0	0.0	1.0	1.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.2	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.5	0.7
RP 3.05: RICE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.06: SOYBEANS	5.9	0.0	0.0	5.9	8.8	1.5	0.0	0.0	0.0	10.4	16.3
RP 3.07: PEANUTS	6.0	0.0	0.0	6.0	4.9	0.0	0.0	0.0	0.0	4.9	10.9
RP 3.09: FORAGE, RANGE, & PASTURE	1.4	0.0	0.0	1.4	3.1	0.7	0.0	0.0	0.0	3.8	5.2
RP 3.10: COTTON	1.2	0.0	0.0	1.2	2.0	0.0	0.0	0.0	0.0	2.0	3.2
RP 3.11: TOBACCO	12.0	0.0	0.0	12.0	19.4	0.0	0.0	0.0	0.0	19.4	31.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.0	0.0	14.5	14.5
RP 3.14: VEGETABLE CROPS	4.0	0.0	0.0	4.0	14.5	0.5	0.0	0.0	0.0	15.1	19.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	6.3	6.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.17: WEEDS IN CROPS	1.4	0.0	0.0	1.4	0.6	0.0	0.0	0.0	0.0	0.6	2.0
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.19: NONSPECIFIC PLANTS	3.5	0.0	0.0	3.5	7.3	0.0	0.0	0.0	0.0	7.3	10.8
RP 4.01: BEEF	0.3	0.0	0.0	0.3	6.2	0.5	0.0	0.0	0.0	6.7	7.1
RP 4.02: DAIRY	0.2	0.0	0.0	0.2	8.8	0.1	0.0	0.0	0.0	9.0	9.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987

REGION 2

RESEARCH PROGRAM SUMMARY

NORTH CAROLINA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	0.0	14.6	14.6
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.05: SWINE	0.0	0.0	0.0	0.0	8.1	0.9	0.0	0.0	0.0	9.0	9.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	6.2	6.2
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.8	1.3	0.0	0.0	0.0	4.1	4.1
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.9	0.9
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.2	3.0	0.0	0.0	0.0	5.2	5.2
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	5.3	0.9	0.0	0.0	0.0	6.2	6.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	9.2	9.2
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.4	0.2	0.0	0.0	0.0	2.6	2.6
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	4.4	0.0	0.0	4.4	14.0	0.0	0.0	0.0	0.0	14.0	18.5
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.8	1.8	0.0	0.0	0.0	4.6	4.6
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	50.6	0.0	28.5	79.1	242.7	12.5	0.0	0.0	0.1	255.3	334.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY OKLAHOMA

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	4.5	0.0	0.0	4.5	5.1	0.4	0.0	0.0	0.0	5.5	10.0
RP 1.02:	WATER & WATERSHEDS	8.0	0.0	0.0	8.0	3.6	0.0	0.0	0.0	0.0	3.6	11.6
RP 1.04:	ENVIRONMENTAL QUALITY	3.9	0.0	0.0	3.9	1.4	0.0	0.0	0.0	0.0	1.4	5.3
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 1.07:	REMOTE SENSING	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 2.03:	FOREST PROTECTION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 3.01:	CORN	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
RP 3.02:	GRAIN SORGHUM	0.6	0.0	0.0	0.6	1.4	0.4	0.0	0.0	0.0	1.8	2.4
RP 3.03:	WHEAT	5.7	0.0	0.0	5.7	13.9	0.4	0.0	0.0	0.0	14.3	20.0
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.4	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.5
RP 3.06:	SOYBEANS	0.0	0.0	0.0	0.0	1.7	1.4	0.0	0.0	0.0	3.1	3.1
RP 3.07:	PEANUTS	4.0	0.0	0.0	4.0	1.9	0.0	0.0	0.0	0.0	1.9	5.9
RP 3.09:	FORAGE, RANGE, & PASTURE	9.1	0.0	0.0	9.1	7.7	0.4	0.0	0.0	0.0	8.1	17.3
RP 3.10:	COTTON	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.13:	FRUIT	0.5	0.0	0.0	0.5	2.4	0.0	0.0	0.0	0.0	2.4	2.9
RP 3.14:	VEGETABLE CROPS	6.0	0.0	0.0	6.0	4.5	0.7	0.0	0.0	0.0	5.2	11.2
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 3.17:	WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	6.7	6.7
RP 4.01:	BEEF	5.9	0.0	0.0	5.9	12.6	0.0	0.0	0.0	0.0	12.6	18.6
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.04:	SHEEP	1.1	0.0	0.0	1.1	0.2	0.0	0.0	0.0	0.0	0.2	1.3
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.4	3.9	0.0	0.0	0.0	4.3	4.3
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.2	0.0	0.0	0.2	0.0	0.7	0.0	0.0	0.0	0.7	0.9
RP 4.08:	NONSPECIFIC ANIMALS	0.3	0.0	0.0	0.3	0.8	0.0	0.0	0.0	0.0	0.8	1.1
RP 4.09:	INVERTEBRATES	0.3	0.0	0.0	0.3	1.8	0.0	0.0	0.0	0.0	1.8	2.1
RP 5.02:	LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY OKLAHOMA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	12.0	12.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
GRAND TOTAL	51.8	0.0	0.0	51.8	113.8	8.4	0.0	0.0	0.0	122.2	174.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY PUERTO RICO

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	2.5	0.0	0.0	2.5	0.6	0.0	0.0	0.0	0.0	0.6	3.1
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	3.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.01: CORN	0.6	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.1	0.8
RP 3.02: GRAIN SORGHUM	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 3.05: RICE	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 3.06: SOYBEANS	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.3
RP 3.07: PEANUTS	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	13.1	0.0	0.0	0.0	0.0	13.1	13.1
RP 3.09: FORAGE, RANGE, & PASTURE	0.3	0.0	0.0	0.3	8.0	0.0	0.0	0.0	0.0	8.0	8.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.1	0.0	0.0	0.1	3.8	0.0	0.0	0.0	0.0	3.8	3.9
RP 3.13: FRUIT	0.3	0.0	0.0	0.3	11.5	0.0	0.0	0.0	0.0	11.5	11.8
RP 3.14: VEGETABLE CROPS	2.4	0.0	0.0	2.4	20.9	0.0	0.0	0.0	0.0	20.9	23.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 4.01: BEEF	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
GRAND TOTAL	7.8	0.0	4.6	12.4	75.6	0.0	0.0	0.0	0.0	75.6	88.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY ARKANSAS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	1.2	0.6	0.0	0.0	0.0	1.8	1.8
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	5.0	5.0
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.6	0.1	0.0	0.0	0.0	1.7	1.7
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
GRAND TOTAL	6.5	0.0	6.3	12.8	114.1	8.1	0.0	0.0	0.0	122.2	135.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY FLORIDA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.9	0.0	0.0	0.9	11.8	1.0	0.0	0.0	0.0	12.8	13.7
RP 1.02: WATER & WATERSHEDS	5.3	0.0	0.0	5.3	10.6	2.0	0.0	0.0	0.0	12.6	17.9
RP 1.03: RECREATION	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	10.1	0.0	0.0	0.0	0.0	10.1	10.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.9	1.0	0.0	0.5	0.0	3.4	3.4
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 1.08: AQUATIC WEEDS	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	3.0	3.0	11.2	0.0	0.0	0.0	0.0	11.2	14.2
RP 2.03: FOREST PROTECTION	0.0	0.0	3.4	3.4	2.9	0.0	0.0	0.0	0.0	2.9	6.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	1.4	1.4	3.5	0.0	0.0	0.0	0.0	3.5	4.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	1.0	1.0	6.0	0.0	0.0	0.0	0.0	6.0	7.0
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 3.01: CORN	4.9	0.0	0.0	4.9	6.2	0.0	0.0	0.0	0.0	6.2	11.1
RP 3.02: GRAIN SORGHUM	1.2	0.0	0.0	1.2	1.0	0.0	0.0	0.0	0.0	1.0	2.3
RP 3.03: WHEAT	3.1	0.0	0.0	3.1	1.8	0.0	0.0	0.0	0.0	1.8	4.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.7	0.0	0.0	0.7	2.6	0.0	0.0	0.0	0.0	2.6	3.3
RP 3.05: RICE	0.7	0.0	0.0	0.7	1.0	0.0	0.0	0.0	0.0	1.0	1.7
RP 3.06: SOYBEANS	1.9	0.0	0.0	1.9	10.0	0.0	0.0	0.0	0.0	10.0	12.0
RP 3.07: PEANUTS	1.1	0.0	0.0	1.1	6.4	0.7	0.0	0.0	0.0	7.1	8.2
RP 3.08: SUGAR	4.5	0.0	0.0	4.5	3.3	0.0	0.0	0.0	0.0	3.3	7.8
RP 3.09: FORAGE, RANGE, & PASTURE	5.2	0.0	0.0	5.2	24.7	0.0	0.0	0.0	0.0	24.7	29.9
RP 3.10: COTTON	1.8	0.0	0.0	1.8	0.1	0.0	0.0	0.0	0.0	0.1	2.0
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.4	0.0	0.0	1.4	2.4	0.0	0.0	0.0	0.0	2.4	3.8
RP 3.13: FRUIT	39.6	0.0	0.0	39.6	67.3	0.0	0.0	0.0	0.0	67.3	106.9
RP 3.14: VEGETABLE CROPS	3.5	0.0	0.0	3.5	45.0	1.0	0.0	0.0	0.0	46.0	49.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.2	0.0	0.0	0.2	27.2	0.0	0.0	0.0	0.0	27.2	27.4
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.19: NONSPECIFIC PLANTS	10.4	0.0	0.0	10.4	13.0	0.0	0.0	0.0	0.2	13.2	23.7
RP 4.01: BEEF	6.3	0.0	0.0	6.3	24.7	0.3	0.0	3.1	0.2	28.4	34.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY FLORIDA

	USDA				OTHER INSTITUTIONS						
	ARS/NWIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.02: DAIRY	1.5	0.0	0.0	1.5	11.3	0.0	0.0	0.6	0.0	12.0	13.5
RP 4.03: POULTRY	0.6	0.0	0.0	0.6	6.4	0.0	0.0	0.0	0.0	6.4	7.1
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.4	0.0	1.8	1.8
RP 4.05: SWINE	0.0	0.0	0.0	0.0	5.5	0.3	0.0	2.0	0.0	7.8	7.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	2.7	1.2	0.0	15.8	0.0	19.7	19.7
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.6	0.0	0.0	1.2	0.0	2.8	2.8
RP 4.09: INVERTEBRATES	6.6	0.0	0.0	6.6	6.3	0.0	0.0	0.0	0.0	6.3	13.0
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.4	0.0	0.0	0.4	4.6	0.3	0.0	0.0	0.0	4.9	5.4
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	19.5	0.0	0.0	19.5	0.4	0.0	0.0	0.0	0.0	0.4	20.0
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	0.0	11.7	11.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	7.1	7.1
RP 7.01: HUMAN RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.6	0.0	0.0	0.6	8.8	0.0	0.0	0.0	0.0	8.8	9.5
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	8.1	0.2	0.0	0.0	0.0	8.4	8.4
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
GRAND TOTAL	123.3	0.0	8.9	132.2	391.8	8.1	0.0	23.8	0.4	424.1	556.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY GEORGIA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	7.0	0.0	0.0	7.0	4.7	0.2	0.0	0.0	0.0	5.0	12.0
RP 1.02: WATER & WATERSHEDS	13.4	0.0	0.0	13.4	3.3	0.0	0.0	0.0	0.0	3.4	16.8
RP 1.04: ENVIRONMENTAL QUALITY	0.8	0.0	0.0	0.8	1.8	0.0	0.0	2.3	0.0	4.1	5.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	1.9	1.9	0.0	0.3	0.0	0.0	0.0	0.3	2.2
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	10.1	10.1	5.3	0.0	0.0	0.0	0.0	5.3	15.5
RP 2.03: FOREST PROTECTION	0.0	0.0	14.6	14.6	0.7	0.0	0.0	0.0	0.0	0.7	15.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	7.1	7.1	4.0	0.0	0.0	0.0	0.0	4.0	11.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	3.9	3.9	0.7	0.0	0.0	0.0	0.0	0.7	4.6
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.4
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.09: TECHNICAL ASSISTANCE	0.6	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.3	1.0
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.01: CORN	13.8	0.0	0.0	13.8	3.5	0.0	0.0	0.0	0.0	3.5	17.4
RP 3.02: GRAIN SORGHUM	1.8	0.0	0.0	1.8	4.3	0.0	0.0	0.0	0.0	4.3	6.1
RP 3.03: WHEAT	4.8	0.0	0.0	4.8	5.4	0.0	0.0	0.0	0.0	5.4	10.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.3	0.0	0.0	0.3	1.3	0.0	0.0	0.0	0.0	1.3	1.7
RP 3.05: RICE	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 3.06: SOYBEANS	1.1	0.0	0.0	1.1	7.4	0.0	0.0	0.0	0.9	8.3	9.5
RP 3.07: PEANUTS	12.9	0.0	0.0	12.9	7.3	0.0	0.0	0.0	0.0	7.3	20.3
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.09: FORAGE, RANGE, & PASTURE	14.6	0.0	0.0	14.6	10.6	0.1	0.0	0.0	0.0	10.7	25.4
RP 3.10: COTTON	0.9	0.0	0.0	0.9	1.9	0.0	0.0	0.0	0.0	1.9	2.8
RP 3.11: TOBACCO	7.7	0.0	0.0	7.7	2.5	0.0	0.0	0.0	0.0	2.5	10.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.1	0.0	0.0	1.1	1.0	0.0	0.0	0.0	0.0	1.0	2.1
RP 3.13: FRUIT	19.4	0.0	0.0	19.4	16.7	0.4	0.0	0.0	0.0	17.2	36.6
RP 3.14: VEGETABLE CROPS	8.8	0.0	0.0	8.8	16.8	2.9	0.0	0.0	0.0	19.7	28.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.1	0.0	0.0	0.1	8.1	0.1	0.0	0.0	0.0	8.2	8.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.19: NONSPECIFIC PLANTS	7.5	0.0	0.0	7.5	8.2	0.0	0.0	0.0	0.0	8.3	15.9
RP 4.01: BEEF	1.4	0.0	0.0	1.4	8.0	0.0	0.0	0.9	0.0	9.0	10.4
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	5.8	0.0	0.0	2.1	0.0	7.9	7.9
RP 4.03: POULTRY	16.6	0.0	0.0	16.6	9.6	0.1	0.0	13.0	0.0	22.7	39.3
RP 4.04: SHEEP	1.2	0.0	0.0	1.2	0.0	0.0	0.0	0.7	0.0	0.7	1.9
RP 4.05: SWINE	6.0	0.0	0.0	6.0	4.6	0.0	0.0	2.5	0.0	7.1	13.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY SOUTH CAROLINA

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	1.9	0.0	0.0	1.9	2.5	0.0	0.0	0.0	0.0	2.5	4.4
RP 1.02:	WATER & WATERSHEDS	4.4	0.0	0.0	4.4	1.9	0.0	0.0	0.0	0.0	1.9	6.3
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0	1.5	1.5
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0	0.0	1.7	1.7
RP 1.07:	REMOTE SENSING	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.2
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	4.9	4.9	0.0	0.0	7.4	0.0	0.0	7.4	12.3
RP 2.03:	FOREST PROTECTION	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	2.3	2.3
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.0	1.0
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	1.0
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	3.2	3.2	0.0	0.0	0.6	0.0	0.0	0.6	3.8
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.2
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.6	0.6
RP 3.01:	CORN	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 3.02:	GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.03:	WHEAT	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.06:	SOYBEANS	0.7	0.0	0.0	0.7	8.0	0.0	0.0	0.0	0.0	8.0	8.7
RP 3.07:	PEANUTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.09:	FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	7.4	7.4
RP 3.10:	COTTON	14.0	0.0	0.0	14.0	1.8	0.0	0.0	0.0	0.0	1.8	15.9
RP 3.11:	TOBACCO	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	0.0	9.9	9.9
RP 3.14:	VEGETABLE CROPS	11.9	0.0	0.0	11.9	11.4	0.5	0.0	0.0	0.0	11.9	23.9
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 3.17:	WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.19:	NONSPECIFIC PLANTS	1.3	0.0	0.0	1.3	0.2	0.0	0.0	0.0	0.0	0.2	1.6
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	5.6	5.6
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5	5.5
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY SOUTH CAROLINA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	1.8	1.8
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.4	3.6	0.0	0.0	0.0	5.0	5.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.9	0.8	0.0	0.0	0.0	3.7	3.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.03: MARKETING & COMPETITION	0.6	0.0	0.0	0.6	2.7	0.0	0.0	0.0	0.0	2.7	3.4
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	4.1	0.4	0.0	0.0	0.0	4.5	4.5
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.7	0.4	0.0	0.0	0.0	1.1	1.1
GRAND TOTAL	35.2	0.0	8.1	43.3	91.5	8.0	14.3	0.0	0.0	113.8	157.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY TENNESSEE

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	3.3	0.2	0.0	0.0	0.0	3.5	3.5
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.6	0.1	0.0	0.0	0.0	1.7	1.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	2.6	2.6	3.2	0.0	0.0	0.0	0.0	3.2	5.8
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.01: CORN	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.06: SOYBEANS	1.0	0.0	0.0	1.0	5.7	2.0	0.0	0.0	0.0	7.8	8.8
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	7.1	7.1
RP 3.10: COTTON	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	5.9	0.6	0.0	0.0	0.0	6.5	6.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	6.8	1.6	0.0	0.0	0.0	8.4	8.4
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.01: BEEF	0.0	0.0	0.0	0.0	11.0	0.4	0.0	0.0	0.0	11.4	11.4
RP 4.02: DAIRY	2.5	0.0	0.0	2.5	8.9	0.0	0.0	0.0	0.0	8.9	11.4
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	1.7	0.2	0.0	0.0	0.0	2.0	2.0
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.05: SWINE	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	0.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY TENNESSEE

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	FRS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	2.6	2.6
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	1.3	0.8	0.0	0.0	0.0	2.1	2.1
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.3	1.6	0.0	0.0	0.0	3.9	3.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.2	1.4	0.0	0.0	0.0	3.7	3.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	6.6	0.5	0.0	0.0	0.0	7.1	7.1
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.0	0.6	0.0	0.0	0.0	2.6	2.6
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	3.5	0.0	2.6	6.1	107.1	13.7	0.0	0.0	0.1	120.9	127.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY TEXAS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	9.4	0.0	0.0	9.4	10.5	0.0	0.0	0.0	0.0	10.5	19.9
RP 1.02: WATER & WATERSHEDS	12.3	0.0	0.0	12.3	14.2	0.0	0.0	0.0	0.0	14.3	26.6
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	4.1	1.0	0.0	4.7	0.2	10.1	10.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 1.07: REMOTE SENSING	5.1	0.0	0.0	5.1	0.2	0.0	0.0	0.0	0.0	0.2	5.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	1.4	0.0	0.6	0.0	0.0	2.0	2.0
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.7	0.0	0.3	0.0	0.0	2.0	2.0
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	1.7	0.0	1.1	0.0	0.0	2.8	2.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	1.0	0.0	0.5	0.0	0.0	1.5	1.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.6	0.0	0.8	0.0	0.0	1.4	1.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	1.3	1.3	0.0	0.0	0.8	0.0	0.0	0.8	2.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.09: TECHNICAL ASSISTANCE	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 3.01: CORN	2.3	0.0	0.0	2.3	6.5	0.0	0.0	0.0	0.0	6.5	8.8
RP 3.02: GRAIN SORGHUM	2.6	0.0	0.0	2.6	16.2	0.0	0.0	0.0	0.0	16.2	18.9
RP 3.03: WHEAT	0.3	0.0	0.0	0.3	8.8	0.0	0.0	0.0	0.0	8.8	9.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 3.05: RICE	5.0	0.0	0.0	5.0	4.9	0.0	0.0	0.0	0.0	4.9	9.9
RP 3.06: SOYBEANS	0.1	0.0	0.0	0.1	5.4	0.0	0.0	0.0	0.0	5.4	5.6
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	7.1	7.1
RP 3.08: SUGAR	1.4	0.0	0.0	1.4	6.3	0.0	0.0	0.0	0.0	6.3	7.7
RP 3.09: FORAGE, RANGE, & PASTURE	11.3	0.0	0.0	11.3	23.2	0.0	0.0	0.0	0.2	23.4	34.8
RP 3.10: COTTON	21.5	0.0	0.0	21.5	24.0	0.0	0.0	0.0	0.1	24.2	45.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	3.9	0.0	0.0	3.9	2.5	0.0	0.0	0.0	0.0	2.5	6.5
RP 3.13: FRUIT	9.7	0.0	0.0	9.7	10.0	0.0	0.0	0.0	0.0	10.0	19.8
RP 3.14: VEGETABLE CROPS	7.0	0.0	0.0	7.0	15.5	2.6	0.0	0.0	0.0	18.1	25.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	0.0	12.1	12.1
RP 3.16: BEES & OTHER POLLINATING INSECTS	2.4	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	2.4
RP 3.19: NONSPECIFIC PLANTS	15.7	0.0	0.0	15.7	1.2	0.0	0.0	0.0	0.0	1.2	16.9
RP 4.01: BEEF	28.0	0.0	0.0	28.0	21.8	0.0	0.0	1.7	0.0	23.5	51.6
RP 4.02: DAIRY	2.7	0.0	0.0	2.7	7.6	2.0	0.0	1.3	0.0	11.0	13.7
RP 4.03: POULTRY	6.2	0.0	0.0	6.2	6.6	0.0	0.0	0.0	0.5	7.1	13.3
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	5.6	5.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY TEXAS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.05: SWINE	1.0	0.0	0.0	1.0	2.0	0.0	0.0	1.1	0.0	3.2	4.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	6.2	9.5	0.0	4.5	0.2	20.4	20.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.5	0.0	6.0	6.0
RP 4.08: NONSPECIFIC ANIMALS	6.5	0.0	0.0	6.5	0.4	0.1	0.0	13.2	0.0	13.8	20.3
RP 4.09: INVERTEBRATES	1.2	0.0	0.0	1.2	0.5	0.0	0.0	0.0	0.0	0.5	1.8
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.8	3.0	0.0	0.0	0.0	4.8	4.8
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.7
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	1.3	0.0	0.0	1.3	3.4	0.4	0.0	0.0	0.0	3.9	5.2
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	8.2	8.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 6.03: MARKETING & COMPETITION	1.2	0.0	0.0	1.2	6.3	1.9	0.0	0.0	0.4	8.6	9.8
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	2.7	0.0	0.0	2.7	15.1	0.0	0.0	0.0	0.0	15.1	17.8
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.6	0.7	0.0	0.0	0.0	4.3	4.3
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
GRAND TOTAL	162.2	0.0	1.3	163.5	290.3	22.2	4.1	27.2	1.9	345.7	509.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY VIRGIN ISLANDS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.01: BEEF	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.09: INVERTEBRATES	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	1.0	0.0	0.0	1.0	5.0	0.0	0.0	0.0	0.0	5.0	6.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY VIRGINIA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5	5.5
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	6.3	6.3
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	4.6	1.5	0.0	0.0	0.0	6.1	6.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	5.7	5.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.01: CORN	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	5.5	3.5	0.0	0.0	0.0	9.0	9.0
RP 3.07: PEANUTS	4.6	0.0	0.0	4.6	7.4	0.0	0.0	0.0	0.0	7.4	12.1
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 3.10: COTTON	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	6.0
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	7.0	3.5	0.0	0.0	0.0	10.5	10.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	8.2	8.2
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 4.01: BEEF	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	7.2	7.2
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	7.1	7.1
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	11.3	11.3
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 4.05: SWINE	0.0	0.0	0.0	0.0	13.6	2.2	0.0	0.0	0.0	15.8	15.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 2

RESEARCH PROGRAM SUMMARY VIRGINIA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.9	0.9
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.5	0.6	0.0	0.0	0.0	2.1	2.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.3	2.0	0.0	0.0	0.0	3.3	3.3
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	12.7	0.0	0.0	0.0	0.0	12.7	12.7
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.3	1.9	0.0	0.0	0.0	5.2	5.2
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 8.03: FOOD SAFETY	0.2	0.0	0.0	0.2	3.2	0.0	0.0	0.0	0.0	3.2	3.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
GRAND TOTAL	4.9	0.0	0.0	4.9	167.1	16.1	0.0	0.0	0.0	183.2	188.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY ILLINOIS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.4	0.0	0.0	0.4	12.5	0.0	0.0	0.0	0.0	12.5	12.9
RP 1.02: WATER & WATERSHEDS	0.1	0.0	0.0	0.1	2.1	0.0	0.2	0.0	0.0	2.3	2.5
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	2.4	2.4	1.0	0.0	1.8	0.0	0.0	2.8	5.2
RP 2.03: FOREST PROTECTION	0.0	0.0	1.7	1.7	2.6	0.0	0.0	0.0	0.0	2.6	4.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	2.4	2.4	2.4	0.0	0.9	0.0	0.0	3.4	5.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	2.2	2.2	1.6	0.0	2.3	0.0	0.0	3.9	6.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	2.0	2.0	0.0	0.0	0.5	0.0	0.0	0.5	2.5
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.4	0.0	0.5	0.0	0.0	0.9	0.9
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	34.6	0.0	0.0	34.6	18.2	0.0	0.0	0.0	0.6	18.8	53.4
RP 3.02: GRAIN SORGHUM	0.4	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.6
RP 3.03: WHEAT	6.1	0.0	0.0	6.1	2.1	0.0	0.0	0.0	0.0	2.1	8.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.5	0.0	0.0	0.5	2.0	0.0	0.0	0.0	0.4	2.4	3.0
RP 3.06: SOYBEANS	49.5	0.0	0.0	49.5	14.9	0.0	0.0	0.0	0.0	14.9	64.4
RP 3.07: PEANUTS	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
RP 3.09: FORAGE, RANGE, & PASTURE	1.5	0.0	0.0	1.5	4.1	0.0	0.0	0.0	0.0	4.1	5.6
RP 3.10: COTTON	0.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	8.9	0.0	0.0	8.9	0.4	0.0	0.0	0.0	0.0	0.4	9.3
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	6.1	6.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RP 3.17: WEEDS IN CROPS	3.7	0.0	0.0	3.7	0.4	0.0	0.0	0.0	0.0	0.4	4.1
RP 3.18: SEEDS	3.8	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	3.8
RP 3.19: NONSPECIFIC PLANTS	14.9	0.0	0.0	14.9	2.4	0.0	0.0	0.0	0.2	2.6	17.6
RP 4.01: BEEF	0.5	0.0	0.0	0.5	6.4	0.0	0.0	0.0	0.0	6.4	7.0
RP 4.02: DAIRY	0.9	0.0	0.0	0.9	9.7	0.0	0.0	0.0	0.0	9.7	10.6
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.9	5.5	5.5
RP 4.04: SHEEP	0.5	0.0	0.0	0.5	1.7	0.0	0.0	0.0	0.0	1.7	2.3
RP 4.05: SWINE	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.1	6.0	6.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY ILLINOIS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.2	1.2	1.2
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	0.0	9.9	9.9
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.9	0.0	0.0	0.9	2.0	0.0	0.0	0.0	0.0	2.0	2.9
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RP 7.01: MANMADE RESOURCES	4.4	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	4.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	14.7	0.0	0.0	14.7	7.7	0.0	0.0	0.0	0.1	7.8	22.6
RP 8.01: HUMAN NUTRITION	5.5	0.0	0.0	5.5	5.7	0.0	0.0	0.0	0.0	5.7	11.3
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 8.03: FOOD SAFETY	11.3	0.0	0.0	11.3	2.7	0.0	0.0	0.0	0.0	2.7	14.0
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	165.2	0.0	10.7	175.9	160.4	0.0	6.4	0.0	2.6	169.4	345.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY INDIANA

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	7.4	0.0	0.0	7.4	7.1	0.0	0.0	0.0	0.0	7.1	14.6
RP 1.02:	WATER & WATERSHEDS	0.3	0.0	0.0	0.3	1.3	0.0	0.0	0.0	0.0	1.3	1.7
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 1.07:	REMOTE SENSING	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 2.03:	FOREST PROTECTION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.09:	TECHNICAL ASSISTANCE	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.2	0.3
RP 2.10:	TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.11:	FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.01:	CORN	3.2	0.0	0.0	3.2	14.5	0.0	0.0	0.0	0.0	14.5	17.7
RP 3.02:	GRAIN SORGHUM	0.9	0.0	0.0	0.9	1.7	0.0	0.0	0.0	0.0	1.7	2.6
RP 3.03:	WHEAT	2.2	0.0	0.0	2.2	2.9	0.0	0.0	0.0	0.0	2.9	5.1
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.3	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.4	0.7
RP 3.05:	RICE	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.06:	SOYBEANS	5.0	0.0	0.0	5.0	7.1	0.0	0.0	0.0	0.0	7.1	12.2
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.09:	FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 3.13:	FRUIT	2.0	0.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	1.0	3.0
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	6.8	6.8
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 3.17:	WEEDS IN CROPS	0.5	0.0	0.0	0.5	0.9	0.0	0.0	0.0	0.0	0.9	1.4
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	1.0	8.1	8.1
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	5.7	5.7
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	6.5	6.5
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	6.2	6.2
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	8.3	8.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY INDIANA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	4.9	4.9
RP 4.09: INVERTEBRATES	0.6	0.0	0.0	0.6	3.3	0.0	0.0	0.0	0.0	3.3	3.9
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.3	4.3
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.2	0.0	0.0	0.2	6.9	0.0	0.0	0.0	0.0	6.9	7.1
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.4	3.0	3.0
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
GRAND TOTAL	23.0	0.0	0.0	23.0	149.6	0.0	0.0	0.0	1.4	151.0	174.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY IOWA

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	1.5	0.0	0.0	1.5	5.8	0.0	0.0	0.0	0.0	5.8	7.3
RP 1.02:	WATER & WATERSHEDS	0.3	0.0	0.0	0.3	0.9	0.0	0.0	0.0	0.0	0.9	1.3
RP 1.04:	ENVIRONMENTAL QUALITY	0.3	0.0	0.0	0.3	5.4	0.0	0.0	0.0	0.0	5.4	5.7
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 1.07:	REMOTE SENSING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 2.03:	FOREST PROTECTION	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.01:	CORN	11.1	0.0	0.0	11.1	14.2	0.0	0.0	0.0	0.0	14.2	25.3
RP 3.02:	GRAIN SORGHUM	0.1	0.0	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.7	0.8
RP 3.03:	WHEAT	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.4	0.0	0.0	0.4	1.7	0.0	0.0	0.0	0.0	1.7	2.2
RP 3.06:	SOYBEANS	5.8	0.0	0.0	5.8	9.4	0.0	0.0	0.0	0.3	9.7	15.5
RP 3.07:	PEANUTS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.09:	FORAGE, RANGE, & PASTURE	1.7	0.0	0.0	1.7	2.3	0.0	0.0	0.0	0.0	2.3	4.0
RP 3.12:	NEW CROPS & MINOR OILSEEDS	1.1	0.0	0.0	1.1	0.5	0.0	0.0	0.0	0.0	0.5	1.6
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.6	0.0	0.0	0.6	2.6	0.0	0.0	0.0	0.0	2.6	3.2
RP 3.17:	WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.19:	NONSPECIFIC PLANTS	2.2	0.0	0.0	2.2	1.5	0.0	0.0	0.0	0.2	1.7	3.9
RP 4.01:	BEEF	17.7	0.0	0.0	17.7	8.8	0.0	0.0	4.3	0.0	13.2	30.9
RP 4.02:	DAIRY	19.8	0.0	0.0	19.8	3.7	0.0	0.0	3.3	0.0	7.1	26.9
RP 4.03:	POULTRY	5.1	0.0	0.0	5.1	2.9	0.0	0.0	3.3	0.0	6.2	11.4
RP 4.04:	SHEEP	2.6	0.0	0.0	2.6	0.3	0.0	0.0	0.5	0.0	0.8	3.5
RP 4.05:	SWINE	20.1	0.0	0.0	20.1	8.2	0.0	0.0	9.4	0.0	17.7	37.9
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.3	0.0	0.9	0.9
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	4.1	0.0	0.0	7.2	0.0	11.3	11.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY IOWA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 5.02: LIVING ENVIRONMENT	0.4	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.6	1.0
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 8.03: FOOD SAFETY	0.3	0.0	0.0	0.3	2.3	0.0	0.0	0.0	0.0	2.3	2.6
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
GRAND TOTAL	91.8	0.0	0.0	91.8	115.9	0.0	0.0	28.6	0.5	145.0	236.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY KANSAS

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	5.0	0.0	0.0	5.0	8.9	0.0	0.0	0.0	0.0	8.9	13.9
RP 1.02:	WATER & WATERSHEDS	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	5.9	5.9
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.07:	FOREST RECREATION & AESTHETICS & CTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.01:	CORN	5.5	0.0	0.0	5.5	8.7	0.0	0.0	0.0	0.0	8.7	14.2
RP 3.02:	GRAIN SORGHUM	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0	0.0	14.7	14.7
RP 3.03:	WHEAT	14.9	0.0	0.0	14.9	29.2	0.0	0.0	0.0	0.0	29.2	44.2
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	5.9	5.9
RP 3.05:	RICE	0.1	0.0	0.0	0.1	0.8	0.0	0.0	0.0	0.0	0.8	0.9
RP 3.06:	SOYBEANS	0.1	0.0	0.0	0.1	8.5	0.0	0.0	0.0	0.0	8.5	8.6
RP 3.09:	FORAGE, RANGE, & PASTURE	1.0	0.0	0.0	1.0	13.5	0.0	0.0	0.0	0.0	13.5	14.5
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	0.0	12.1	12.1
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	21.7	0.0	0.0	0.0	0.0	21.7	21.7
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	7.1	7.1
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	6.3	6.3
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 5.02:	LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 6.03:	MARKETING & COMPETITION	2.6	0.0	0.0	2.6	9.8	0.0	0.0	0.0	0.0	9.8	12.4
RP 7.01:	MANMADE RESOURCES	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	6.8	6.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY KANSAS

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	29.4	0.0	0.0	29.4	203.7	0.0	0.0	0.0	0.0	203.7	233.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY MICHIGAN

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	MICH A ARB	MICH HOUGHT	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	8.7	8.7
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.4	2.4
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	5.6	0.2	0.0	0.0	0.0	5.8	5.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.5	0.5
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0	1.6	1.6
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	3.9	0.8	6.8	0.0	0.0	11.5	11.5
RP 2.03: FOREST PROTECTION	0.0	0.0	3.9	3.9	0.9	0.4	0.1	0.0	0.0	1.4	5.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	5.3	5.3	3.7	0.0	4.2	0.0	0.0	7.9	13.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.5	0.9	1.7	0.0	0.0	3.2	3.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.5	0.2	0.5	0.0	0.0	1.2	1.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.9	0.9
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.9	0.6	0.0	0.0	0.0	1.5	1.5
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.03: WHEAT	0.1	0.0	0.0	0.1	1.4	0.0	0.0	0.0	0.0	1.4	1.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.8	0.0	0.0	0.8	2.3	0.0	0.0	0.0	0.0	2.3	3.1
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 3.08: SUGAR	3.0	0.0	0.0	3.0	0.2	0.0	0.0	0.0	0.0	0.2	3.2
RP 3.09: FORAGE, RANGE, & PASTURE	0.7	0.0	0.0	0.7	1.8	0.0	0.0	0.0	0.0	1.8	2.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.13: FRUIT	3.5	0.0	0.0	3.5	12.1	0.0	0.0	0.0	0.0	12.1	15.7
RP 3.14: VEGETABLE CROPS	2.3	0.0	0.0	2.3	11.2	0.0	0.0	0.0	0.0	11.2	13.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.2	8.1	8.1
RP 4.01: BEEF	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 4.02: DAIRY	0.2	0.0	0.0	0.2	4.4	0.0	0.0	0.0	0.0	4.4	4.6
RP 4.03: POULTRY	10.2	0.0	0.0	10.2	4.3	0.0	0.0	0.0	0.9	5.2	15.4
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.05: SWINE	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	4.9	4.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY MICHIGAN

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	MICH A ARB	MICH HOUGHT	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	4.9	4.9
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	5.8	5.8
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	6.5	6.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	9.7	9.7
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	6.5	6.5
RP 8.01: HUMAN NUTRITION	0.1	0.0	0.0	0.1	5.0	0.0	0.0	0.0	0.0	5.0	5.1
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	21.2	0.0	9.2	30.4	158.3	4.4	13.3	0.0	1.1	177.1	207.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY MINNESOTA

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	6.2	0.0	0.0	6.2	9.5	0.0	0.0	0.0	0.0	9.5	15.8
RP 1.02:	WATER & WATERSHEDS	1.8	0.0	0.0	1.8	2.2	0.0	0.0	0.0	0.0	2.2	4.0
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 1.04:	ENVIRONMENTAL QUALITY	3.0	0.0	0.0	3.0	1.7	0.0	0.0	0.0	0.0	1.7	4.7
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 1.07:	REMOTE SENSING	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	6.4	6.4	2.9	0.0	0.0	0.0	0.0	2.9	9.3
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	1.8	1.8	5.6	0.0	0.0	0.0	0.0	5.6	7.5
RP 2.03:	FOREST PROTECTION	0.0	0.0	4.2	4.2	3.8	0.0	0.0	0.0	0.0	3.8	8.0
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	1.2	1.2	2.6	0.0	0.0	0.0	0.0	2.6	3.9
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	11.7	11.7	2.1	0.0	0.0	0.0	0.0	2.1	13.8
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	3.5	3.5	0.6	0.0	0.0	0.0	0.0	0.6	4.1
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	2.0	2.0	1.0	0.0	0.0	0.0	0.0	1.0	3.0
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	1.9	1.9	0.2	0.0	0.0	0.0	0.0	0.2	2.1
RP 2.09:	TECHNICAL ASSISTANCE	2.1	0.0	0.0	2.1	3.3	0.0	0.0	0.0	0.0	3.3	5.4
RP 2.10:	TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.01:	CORN	2.8	0.0	0.0	2.8	10.8	0.0	0.0	0.0	0.0	10.8	13.7
RP 3.03:	WHEAT	4.3	0.0	0.0	4.3	2.4	0.0	0.0	0.0	0.0	2.4	6.8
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	1.8	0.0	0.0	1.8	4.9	0.0	0.0	0.0	0.0	4.9	6.8
RP 3.05:	RICE	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 3.06:	SOYBEANS	2.9	0.0	0.0	2.9	5.5	0.0	0.0	0.0	0.0	5.5	8.4
RP 3.07:	PEANUTS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 3.09:	FORAGE, RANGE, & PASTURE	5.6	0.0	0.0	5.6	4.0	0.0	0.0	0.0	0.0	4.0	9.6
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 3.14:	VEGETABLE CROPS	3.7	0.0	0.0	3.7	13.1	0.0	0.0	0.0	0.0	13.1	16.9
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	5.1	5.1
RP 3.16:	BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.17:	WEEDS IN CROPS	0.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7
RP 3.19:	NONSPECIFIC PLANTS	0.6	0.0	0.0	0.6	2.0	0.0	0.0	0.0	0.0	2.0	2.7
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	5.0	0.0	0.0	2.4	0.3	7.7	7.7
RP 4.02:	DAIRY	1.0	0.0	0.0	1.0	8.5	0.0	0.0	4.7	0.0	13.2	14.2
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	7.4	0.0	0.0	2.5	0.0	9.9	9.9
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY MINNESOTA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.05: SWINE	0.0	0.0	0.0	0.0	10.0	0.0	0.0	5.0	0.0	15.0	15.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	1.9	1.9
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.0	1.7	1.7
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	6.5	6.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	1.0	1.0	1.2	0.0	0.0	0.0	0.0	1.2	2.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 6.03: MARKETING & COMPETITION	0.2	0.0	0.0	0.2	4.1	0.0	0.0	0.0	0.0	4.1	4.3
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.7	0.0	0.0	0.7	1.9	0.0	0.0	0.0	0.4	2.3	3.1
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
GRAND TOTAL	38.0	0.0	33.9	71.9	173.0	0.0	0.0	16.6	1.7	191.3	263.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY MISSOURI

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	2.3	0.0	0.0	2.3	6.2	0.0	0.0	0.0	0.0	6.2	8.6
RP 1.02:	WATER & WATERSHEDS	2.6	0.0	0.0	2.6	1.2	0.0	0.0	0.0	0.0	1.2	3.9
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.1	0.1	0.7	0.0	0.0	0.0	0.0	0.7	0.8
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	3.3	3.3	2.9	0.0	0.0	0.0	0.0	2.9	6.3
RP 2.03:	FOREST PROTECTION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.09:	TECHNICAL ASSISTANCE	1.0	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.0	0.2	1.2
RP 3.01:	CORN	8.0	0.0	0.0	8.0	3.7	0.0	0.0	0.0	0.0	3.7	11.8
RP 3.02:	GRAIN SORGHUM	0.3	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.6	1.0
RP 3.03:	WHEAT	2.1	0.0	0.0	2.1	2.8	0.0	0.0	0.0	0.0	2.8	4.9
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.5	1.5	1.7
RP 3.06:	SOYBEANS	3.0	0.0	0.0	3.0	9.3	1.3	0.0	0.0	0.0	10.6	13.7
RP 3.09:	FORAGE, RANGE, & PASTURE	2.4	0.0	0.0	2.4	6.3	0.6	0.0	0.0	0.0	6.9	9.3
RP 3.10:	COTTON	0.1	0.0	0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.5	0.7
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	0.5	2.2	0.0	0.0	0.0	2.7	2.7
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 3.17:	WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	5.0
RP 4.01:	BEEF	0.1	0.0	0.0	0.1	7.1	0.4	0.0	1.8	0.0	9.3	9.5
RP 4.02:	DAIRY	0.9	0.0	0.0	0.9	4.7	0.0	0.0	1.1	0.0	5.9	6.8
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.1	3.0	3.0
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	1.6	0.4	0.0	0.1	0.0	2.2	2.2
RP 4.05:	SWINE	2.1	0.0	0.0	2.1	4.1	1.0	0.0	0.2	0.0	5.3	7.4
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.7	0.3	0.0	1.5	0.0	3.5	3.5
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	2.2	0.0	0.0	16.3	0.0	18.6	18.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY MISSOURI

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.09: INVERTEBRATES	4.1	0.0	0.0	4.1	0.4	0.0	0.0	0.0	0.0	0.4	4.6
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.7	0.7
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.1	0.0	0.0	0.1	3.6	0.0	0.0	0.0	0.0	3.6	3.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.1	0.0	5.6	5.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	7.1	0.1	0.0	0.0	0.0	7.3	7.3
RP 7.01: MANMADE RESOURCES	0.7	0.0	0.0	0.7	0.9	0.0	0.0	0.1	0.0	1.0	1.8
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	1.9	0.0	0.0	1.9	4.6	0.0	0.0	0.0	0.0	4.6	6.5
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.0	6.7	0.0	0.0	0.0	10.7	10.7
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 8.03: FOOD SAFETY	0.7	0.0	0.0	0.7	2.6	0.0	0.0	0.2	0.0	2.8	3.5
GRAND TOTAL	33.3	0.0	3.5	36.8	121.2	13.6	0.0	21.5	1.6	157.9	194.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY NEBRASKA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	5.8	0.0	0.0	5.8	6.9	0.0	0.0	0.0	0.0	6.9	12.8
RP 1.02: WATER & WATERSHEDS	1.0	0.0	0.0	1.0	5.6	0.0	0.0	0.0	0.0	5.6	6.6
RP 1.04: ENVIRONMENTAL QUALITY	0.2	0.0	0.0	0.2	1.8	0.0	0.0	0.0	0.0	1.8	2.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 2.03: FOREST PROTECTION	0.0	0.0	3.0	3.0	0.8	0.0	0.0	0.0	0.0	0.8	3.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.01: CORN	0.4	0.0	0.0	0.4	11.2	0.0	0.0	0.0	0.0	11.2	11.6
RP 3.02: GRAIN SORGHUM	4.2	0.0	0.0	4.2	6.4	0.0	0.0	0.0	0.0	6.4	10.7
RP 3.03: WHEAT	2.9	0.0	0.0	2.9	6.2	0.0	0.0	0.0	0.0	6.2	9.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.1	0.0	0.0	0.1	2.3	0.0	0.0	0.0	0.0	2.3	2.5
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	5.7	5.7
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 3.09: FORAGE, RANGE, & PASTURE	5.3	0.0	0.0	5.3	4.9	0.0	0.0	0.0	0.0	4.9	10.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	7.2	7.2
RP 4.01: BEEF	17.2	0.0	0.0	17.2	16.2	0.0	0.0	0.0	0.0	16.2	33.4
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 4.04: SHEEP	5.6	0.0	0.0	5.6	1.4	0.0	0.0	0.0	0.0	1.4	7.0
RP 4.05: SWINE	15.5	0.0	0.0	15.5	10.5	0.0	0.0	0.0	1.0	11.5	27.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 5.02: LIVING ENVIRONMENT	0.2	0.0	0.0	0.2	1.1	0.0	0.0	0.0	0.0	1.1	1.3
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY NEBRASKA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.2	0.0	0.0	0.2	2.0	0.0	0.0	0.0	0.0	2.0	2.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	1.2	0.0	0.0	1.2	4.3	0.0	0.0	0.0	0.2	4.5	5.8
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
GRAND TOTAL	60.2	0.0	4.2	64.4	135.1	0.0	0.0	0.0	1.3	136.4	200.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY NORTH DAKOTA

		USDA				OTHER INSTITUTIONS						
		ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	2.4	0.0	0.0	2.4	10.5	0.0	0.0	0.0	0.0	10.5	12.9
RP 1.02:	WATER & WATERSHEDS	2.0	0.0	0.0	2.0	4.3	0.0	0.0	0.0	0.0	4.3	6.4
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.04:	ENVIRONMENTAL QUALITY	1.5	0.0	0.0	1.5	0.7	0.0	0.0	0.0	0.0	0.7	2.2
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.4	0.0	0.0	0.4	0.9	0.0	0.0	0.0	0.0	0.9	1.4
RP 2.03:	FOREST PROTECTION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.09:	TECHNICAL ASSISTANCE	0.8	0.0	0.0	0.8	2.7	0.0	0.0	0.0	0.0	2.7	3.6
RP 3.01:	CORN	2.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	2.0	4.0
RP 3.03:	WHEAT	3.9	0.0	0.0	3.9	15.7	0.0	0.0	0.0	0.0	15.7	19.6
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	1.2	0.0	0.0	1.2	9.7	0.0	0.0	0.0	0.0	9.7	10.9
RP 3.06:	SOYBEANS	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 3.08:	SUGAR	3.0	0.0	0.0	3.0	2.2	0.0	0.0	0.0	0.0	2.2	5.2
RP 3.09:	FORAGE, RANGE, & PASTURE	6.7	0.0	0.0	6.7	7.3	0.0	0.0	0.0	0.0	7.3	14.1
RP 3.10:	COTTON	2.6	0.0	0.0	2.6	0.1	0.0	0.0	0.0	0.0	0.1	2.7
RP 3.12:	NEW CROPS & MINOR OILSEEDS	6.6	0.0	0.0	6.6	10.3	0.0	0.0	0.0	0.0	10.3	17.0
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	0.0	9.9	9.9
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
RP 3.17:	WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.19:	NONSPECIFIC PLANTS	4.4	0.0	0.0	4.4	2.5	0.0	0.0	0.0	0.0	2.5	6.9
RP 4.01:	BEEF	3.1	0.0	0.0	3.1	9.7	0.0	0.0	0.0	0.1	9.8	12.9
RP 4.02:	DAIRY	2.7	0.0	0.0	2.7	2.1	0.0	0.0	0.0	0.0	2.1	4.9
RP 4.03:	POULTRY	1.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.5	1.5
RP 4.04:	SHEEP	0.7	0.0	0.0	0.7	2.0	0.0	0.0	0.0	0.0	2.0	2.8
RP 4.05:	SWINE	2.1	0.0	0.0	2.1	2.7	0.0	0.0	0.0	0.0	2.7	4.9
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.08:	NONSPECIFIC ANIMALS	2.4	0.0	0.0	2.4	4.8	0.0	0.0	0.0	0.0	4.8	7.2
RP 4.09:	INVERTEBRATES	8.6	0.0	0.0	8.6	0.2	0.0	0.0	0.0	0.0	0.2	8.8
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 5.02:	LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	6.5	6.5
RP 6.03:	MARKETING & COMPETITION	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	6.9	6.9
RP 7.01:	MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC CONS RESOURCES OR RPGS	0.2	0.0	0.0	0.2	5.8	0.0	0.0	0.0	0.0	5.8	6.1
RP 8.01:	HUMAN NUTRITION	11.5	0.0	0.0	11.5	0.2	0.0	0.0	0.0	0.0	0.2	11.7
RP 8.03:	FOOD SAFETY	1.4	0.0	0.0	1.4	0.8	0.0	0.0	0.0	0.0	0.8	2.2
GRAND TOTAL		72.5	0.0	0.0	72.5	131.8	0.0	0.0	0.0	0.1	131.9	204.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY OHIO

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	OHIO ALLIAN	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	2.6	0.0	0.0	2.6	8.9	0.0	0.0	0.0	0.0	8.9	11.5
RP 1.02: WATER & WATERSHEDS	1.1	0.0	0.0	1.1	1.3	0.0	0.0	0.0	0.0	1.3	2.5
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 1.04: ENVIRONMENTAL QUALITY	2.0	0.0	0.0	2.0	5.1	0.0	0.0	0.0	0.0	5.1	7.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.3	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.4	0.7
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	3.4	3.4	6.9	0.0	0.0	0.0	0.0	6.9	10.3
RP 2.03: FOREST PROTECTION	0.0	0.0	4.6	4.6	1.1	0.0	0.0	0.0	0.0	1.1	5.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	5.1	5.1	0.2	0.0	0.0	0.0	0.0	0.2	5.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	6.3	6.3	1.9	0.0	0.0	0.0	0.0	1.9	8.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.10: TREES, FORESTS & FOREST PRODUCTS — GENERAL	1.9	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.5	0.5	2.4
RP 3.01: CORN	2.4	0.0	0.0	2.4	8.0	0.0	0.0	0.0	0.0	8.0	10.4
RP 3.03: WHEAT	3.0	0.0	0.0	3.0	0.9	0.0	0.0	0.0	0.0	0.9	3.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.06: SOYBEANS	1.2	0.0	0.0	1.2	8.0	0.0	0.0	0.0	1.8	9.8	11.0
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.09: FORAGE, RANGE, & PASTURE	0.5	0.0	0.0	0.5	3.3	0.0	0.0	0.0	0.0	3.3	3.8
RP 3.10: COTTON	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.13: FRUIT	1.3	0.0	0.0	1.3	8.4	0.0	0.0	0.0	0.0	8.4	9.7
RP 3.14: VEGETABLE CROPS	2.3	0.0	0.0	2.3	9.9	0.0	0.0	0.0	0.0	9.9	12.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.6	0.0	0.0	0.6	7.7	0.0	0.0	0.0	0.0	7.7	8.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.19: NONSPECIFIC PLANTS	1.0	0.0	0.0	1.0	3.4	0.0	0.0	0.0	0.2	3.6	4.6
RP 4.01: BEEF	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.2	0.0	5.1	5.1
RP 4.02: DAIRY	0.6	0.0	0.0	0.6	9.1	0.0	0.0	0.4	0.0	9.5	10.1
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.1	0.2	8.1	8.1
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.2	0.0	3.2	3.2
RP 4.05: SWINE	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.3	0.0	9.4	9.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.6	0.0	0.0	6.9	0.0	7.5	7.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY OHIO

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	OHIO ALLIAN	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	1.0	0.0	1.2	1.2
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.5	0.0	3.3	3.3
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	2.7	0.0	0.0	2.7	2.2	0.0	0.0	0.0	0.0	2.2	5.0
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	24.0	0.0	19.4	43.4	143.5	0.0	0.0	9.6	2.7	155.8	199.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY SOUTH DAKOTA

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 1.02:	WATER & WATERSHEDS	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.07:	REMOTE SENSING	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	5.5	5.5	0.2	0.0	0.0	0.0	0.0	0.2	5.7
RP 2.09:	TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.01:	CORN	7.5	0.0	0.0	7.5	5.6	0.0	0.0	0.0	0.0	5.6	13.1
RP 3.02:	GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.03:	WHEAT	0.7	0.0	0.0	0.7	4.7	0.0	0.0	0.0	0.0	4.7	5.5
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 3.06:	SOYBEANS	1.1	0.0	0.0	1.1	1.3	0.0	0.0	0.0	0.0	1.3	2.4
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.09:	FORAGE, RANGE, & PASTURE	0.0	0.0	0.2	0.2	8.8	0.0	0.0	0.0	0.0	8.8	9.0
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	10.0
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	10.7	10.7
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5	5.5
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	7.7	7.7
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 6.03:	MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 8.01:	HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 8.03:	FOOD SAFETY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
GRAND TOTAL		9.4	0.0	5.8	15.2	87.0	0.0	0.0	0.0	0.0	87.0	102.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY WISCONSIN

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	6.6	6.6
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.08: AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	10.3	10.3	2.7	0.0	0.0	0.0	0.0	2.7	13.0
RP 2.03: FOREST PROTECTION	0.0	0.0	2.6	2.6	4.6	0.0	0.0	0.0	0.0	4.6	7.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	73.3	73.3	2.1	0.0	0.0	0.0	0.6	2.7	76.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3
RP 3.01: CORN	0.2	0.0	0.0	0.2	5.4	0.0	0.0	0.0	0.0	5.4	5.6
RP 3.03: WHEAT	0.3	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.4	0.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	4.3	0.0	0.0	4.3	1.6	0.0	0.0	0.0	0.0	1.6	5.9
RP 3.06: SOYBEANS	0.1	0.0	0.0	0.1	2.0	0.0	0.0	0.0	0.0	2.0	2.1
RP 3.09: FORAGE, RANGE, & PASTURE	4.7	0.0	0.0	4.7	6.6	0.0	0.0	0.0	0.0	6.6	11.3
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 3.14: VEGETABLE CROPS	6.2	0.0	0.0	6.2	12.4	0.0	0.0	0.0	0.0	12.4	18.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.1	0.0	0.0	0.1	0.9	0.0	0.0	0.0	0.0	0.9	1.0
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.19: NONSPECIFIC PLANTS	1.0	0.0	0.0	1.0	6.3	0.0	0.0	0.0	0.1	6.4	7.5
RP 4.01: BEEF	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RP 4.02: DAIRY	4.4	0.0	0.0	4.4	14.6	0.0	0.0	0.0	0.0	14.6	19.0
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	4.5	4.5
RP 4.04: SHEEP	0.1	0.0	0.0	0.1	2.6	0.0	0.0	0.0	0.0	2.6	2.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 3

RESEARCH PROGRAM SUMMARY WISCONSIN

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHER	TOTAL	GRAND TOTAL
RP 4.05: SWINE	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.3	4.3
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	6.7	6.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	1.0	0.0	0.0	1.0	20.3	0.0	0.0	0.0	0.0	20.3	21.3
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	6.7	6.7
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	4.5	4.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.4	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.3	0.8
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
GRAND TOTAL	23.2	0.0	86.2	109.4	170.6	0.0	0.0	0.0	1.0	171.6	281.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY ALASKA

	USDA				OTHER INSTITUTIONS						
	ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	2.4	0.0	0.0	2.4	1.3	0.0	0.0	0.0	0.0	1.3	3.7
RP 1.02: WATER & WATERSHEDS	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	2.9
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	7.2	7.2	1.5	0.0	0.0	0.0	0.0	1.5	8.7
RP 2.03: FOREST PROTECTION	0.0	0.0	4.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	4.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	6.7	6.7	1.2	0.0	0.0	0.0	0.0	1.2	8.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	10.3	10.3	0.3	0.0	0.0	0.0	0.0	0.3	10.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.2	0.0	0.0	1.2	2.0	0.0	0.0	0.0	0.0	2.0	3.2
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.01: BEEF	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	4.0	0.0	32.6	36.6	14.7	0.0	0.0	0.0	0.0	14.7	51.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY ARIZONA

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	5.5	0.0	0.0	5.5	6.6	0.0	0.0	0.0	0.0	6.6	12.2
RP 1.02:	WATER & WATERSHEDS	11.6	0.0	0.0	11.6	10.4	0.0	0.0	0.0	0.0	10.4	22.0
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 1.04:	ENVIRONMENTAL QUALITY	0.2	0.0	0.0	0.2	5.2	0.0	0.0	0.0	0.0	5.2	5.5
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.9	0.0	0.0	0.9	0.1	0.0	0.0	0.0	0.1	0.2	1.1
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 1.07:	REMOTE SENSING	1.2	0.0	0.0	1.2	1.4	0.0	0.0	0.0	0.0	1.4	2.6
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.6	0.0	0.1	0.0	0.0	0.7	0.7
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	6.6	6.6	1.9	0.0	1.4	0.0	0.4	3.7	10.3
RP 2.03:	FOREST PROTECTION	0.0	0.0	0.6	0.6	0.9	0.0	0.8	0.0	0.0	1.7	2.4
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.2
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	4.1	4.1	2.4	0.0	0.3	0.0	0.0	2.7	6.9
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	4.0	4.0	1.8	0.0	0.0	0.0	0.0	1.8	5.9
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.9	0.0	0.2	0.0	0.0	1.1	1.1
RP 3.01:	CORN	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.02:	GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.03:	WHEAT	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	1.0	0.0	0.0	1.0	1.5	0.0	0.0	0.0	0.0	1.5	2.5
RP 3.09:	FORAGE, RANGE, & PASTURE	5.6	0.0	0.0	5.6	7.6	0.0	0.0	0.0	0.0	7.6	13.2
RP 3.10:	COTTON	16.6	0.0	0.0	16.6	13.5	0.0	0.0	0.0	0.0	13.5	30.2
RP 3.12:	NEW CROPS & MINOR OILSEEDS	4.7	0.0	0.0	4.7	1.6	0.0	0.0	0.0	0.0	1.6	6.3
RP 3.13:	FRUIT	0.4	0.0	0.0	0.4	4.5	0.0	0.0	0.0	0.0	4.5	5.0
RP 3.14:	VEGETABLE CROPS	0.9	0.0	0.0	0.9	11.3	0.0	0.0	0.0	0.0	11.3	12.3
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 3.16:	BEES & OTHER POLLINATING INSECTS	5.9	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	5.9
RP 3.19:	NONSPECIFIC PLANTS	0.1	0.0	0.0	0.1	3.3	0.0	0.0	0.0	0.0	3.3	3.4
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0	7.6	7.6
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	12.0	12.0
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	7.2	7.2
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	4.5	4.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY ARIZONA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	4.9	4.9
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	4.3	0.0	0.0	4.3	7.3	0.0	0.0	0.0	0.0	7.3	11.6
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
GRAND TOTAL	59.4	0.0	15.5	74.9	153.8	0.0	3.0	0.0	0.5	157.3	232.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY CALIFORNIA

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	FRS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	5.3	0.0	0.0	5.3	16.7	0.0	0.0	0.0	0.0	16.7	22.1
RP 1.02:	WATER & WATERSHEDS	10.1	0.0	0.0	10.1	11.8	0.0	0.0	0.0	0.0	11.8	21.9
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 1.04:	ENVIRONMENTAL QUALITY	5.7	0.0	0.0	5.7	24.9	0.0	0.0	6.9	0.0	31.8	37.5
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.6	2.6
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.2	0.0	8.5	8.5
RP 1.07:	REMOTE SENSING	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	1.0	1.0	2.0	0.0	0.0	0.0	0.0	2.1	3.1
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	13.1	13.1	7.1	0.0	0.4	0.0	0.0	7.6	20.7
RP 2.03:	FOREST PROTECTION	0.0	0.0	33.5	33.5	8.1	0.0	0.0	0.0	0.0	8.1	41.6
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	13.2	13.2
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	4.2	4.2	1.7	0.0	0.1	0.0	0.0	1.8	6.0
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	4.6	4.6	2.0	0.0	0.0	0.0	0.0	2.1	6.7
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	5.2	5.2	0.5	0.0	0.0	0.0	0.0	0.5	5.7
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 2.09:	TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.11:	FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.01:	CORN	3.9	0.0	0.0	3.9	4.3	0.0	0.0	0.0	0.0	4.3	8.3
RP 3.02:	GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.03:	WHEAT	21.5	0.0	0.0	21.5	3.0	0.0	0.0	0.0	0.0	3.0	24.6
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	2.8	0.0	0.0	2.8	5.6	0.0	0.0	0.0	0.0	5.6	8.5
RP 3.05:	RICE	1.4	0.0	0.0	1.4	2.8	0.0	0.0	0.0	0.0	2.8	4.3
RP 3.06:	SOYBEANS	1.8	0.0	0.0	1.8	1.9	0.0	0.0	0.0	0.0	1.9	3.7
RP 3.08:	SUGAR	11.4	0.0	0.0	11.4	0.9	0.0	0.0	0.0	0.0	0.9	12.3
RP 3.09:	FORAGE, RANGE, & PASTURE	9.1	0.0	0.0	9.1	16.4	0.0	0.0	0.0	0.0	16.4	25.5
RP 3.10:	COTTON	3.5	0.0	0.0	3.5	6.2	0.0	0.0	0.0	0.0	6.2	9.7
RP 3.11:	TOBACCO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.12:	NEW CROPS & MINOR OILSEEDS	3.6	0.0	0.0	3.6	5.2	0.0	0.0	0.0	0.0	5.2	8.8
RP 3.13:	FRUIT	35.3	0.0	0.0	35.3	59.3	0.0	0.0	0.0	0.0	59.3	94.7
RP 3.14:	VEGETABLE CROPS	19.7	0.0	0.0	19.7	37.2	0.0	0.0	0.0	0.0	37.2	57.0
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	12.4	0.0	0.0	0.0	0.0	12.4	12.4
RP 3.16:	BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 3.17:	WEEDS IN CROPS	2.0	0.0	0.0	2.0	1.7	0.0	0.0	0.0	0.0	1.7	3.7
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.3	4.2	4.2
RP 3.19:	NONSPECIFIC PLANTS	20.8	0.0	0.0	20.8	51.1	0.0	0.0	0.0	0.8	52.0	72.8
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	8.7	0.0	0.0	5.8	0.0	14.5	14.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY CALIFORNIA

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.02:	DAIRY	0.2	0.0	0.0	0.2	14.5	0.0	0.0	10.6	0.0	25.2	25.4
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	9.8	0.0	0.0	2.4	0.0	12.2	12.2
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	5.0	0.0	0.0	4.0	0.0	9.0	9.0
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	2.8	0.0	0.0	2.6	0.0	5.4	5.4
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	10.7	0.0	0.0	11.4	0.0	22.1	22.1
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.4	0.0	8.4	8.4
RP 4.08:	NONSPECIFIC ANIMALS	1.1	0.0	0.0	1.1	13.8	0.0	0.0	6.4	0.0	20.3	21.4
RP 4.09:	INVERTEBRATES	5.3	0.0	0.0	5.3	23.0	0.0	0.0	0.0	0.0	23.0	28.3
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RP 5.02:	LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.2	6.7	6.7
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	13.7	13.7
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	7.7	7.7
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.3	0.0	0.0	0.3	5.6	0.0	0.0	0.0	0.0	5.6	6.0
RP 6.03:	MARKETING & COMPETITION	0.0	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0	10.4	10.4
RP 7.01:	MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	6.3	0.0	0.0	6.3	60.2	0.0	0.0	0.0	1.1	61.3	67.7
RP 8.01:	HUMAN NUTRITION	20.7	0.0	0.0	20.7	18.4	0.0	0.0	0.0	0.0	18.4	39.1
RP 8.02:	FOOD PROCESSING	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.3	4.3
RP 8.03:	FOOD SAFETY	13.1	0.0	0.0	13.1	14.8	0.0	0.0	0.0	0.0	14.8	27.9
RP 8.04:	FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 8.05:	FOOD SERVICE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
GRAND TOTAL		205.7	0.0	61.7	267.4	572.1	0.0	0.7	51.0	2.6	626.4	893.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY COLORADO

	USDA				OTHER INSTITUTIONS					
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	11.0	0.0	0.0	11.0	3.9	0.0	0.0	0.0	0.0	3.9	14.9
RP 1.02: WATER & WATERSHEDS	9.7	0.0	0.0	9.7	25.5	0.0	0.0	0.0	0.0	25.5	35.2
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 1.04: ENVIRONMENTAL QUALITY	0.3	0.0	0.0	0.3	13.6	0.0	0.0	0.0	0.0	13.6	13.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	11.3	11.3
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	2.1	2.1	0.2	0.0	0.0	0.0	0.0	0.2	2.3
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	4.4	4.4	0.2	0.0	0.0	0.0	0.0	0.2	4.6
RP 2.03: FOREST PROTECTION	0.0	0.0	1.7	1.7	0.3	0.0	0.0	0.0	0.0	0.3	2.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.1	2.0	2.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	3.6	3.6	1.9	0.0	0.0	0.0	0.0	1.9	5.6
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.9	0.9	0.5	0.0	0.0	0.0	0.0	0.5	1.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	6.3	6.3	0.2	0.0	0.0	0.0	0.0	0.2	6.5
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
RP 3.01: CORN	1.1	0.0	0.0	1.1	4.2	0.0	0.0	0.0	0.0	4.2	5.3
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.03: WHEAT	5.1	0.0	0.0	5.1	23.4	0.0	0.0	0.0	0.0	23.4	28.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 3.06: SOYBEANS	0.7	0.0	0.0	0.7	1.5	0.0	0.0	0.0	0.0	1.5	2.3
RP 3.08: SUGAR	6.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
RP 3.09: FORAGE, RANGE, & PASTURE	5.6	0.0	0.0	5.6	32.1	0.0	0.0	0.0	0.0	32.1	37.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 3.14: VEGETABLE CROPS	0.3	0.0	0.0	0.3	11.2	0.0	0.0	0.0	0.0	11.2	11.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.18: SEEDS	1.0	0.0	0.0	1.0	2.3	0.0	0.0	0.0	0.0	2.3	3.3
RP 3.19: NONSPECIFIC PLANTS	6.3	0.0	0.0	6.3	3.5	0.0	0.0	0.0	0.0	3.5	9.8
RP 4.01: BEEF	0.0	0.0	0.0	0.0	23.3	0.0	0.0	42.0	0.0	65.3	65.4
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	1.2	0.0	0.0	7.9	0.0	9.1	9.1
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.4	0.0	3.6	3.6
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	3.9	0.0	0.0	12.0	0.0	15.9	15.9
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY COLORADO

	USDA				OTHER INSTITUTIONS					
	ARS/NHIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.5	0.0	0.9	0.9
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.4
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.4	0.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.7	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	0.8	1.6
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	48.3	0.0	19.1	67.4	211.7	0.0	0.0	63.5	0.3	275.5	342.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY GUAM

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	10.7	10.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY HAWAII

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 1.02:	WATER & WATERSHEDS	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	3.8	3.8	0.7	0.0	0.0	0.0	0.0	0.7	4.5
RP 2.03:	FOREST PROTECTION	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.01:	CORN	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 3.03:	WHEAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.06:	SOYBEANS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 3.09:	FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 3.13:	FRUIT	13.0	0.0	0.0	13.0	13.6	0.0	0.0	0.0	0.0	13.6	26.6
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	13.1	0.0	0.0	0.0	0.0	13.1	13.1
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	8.5	8.5
RP 3.17:	WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	2.0	0.0	0.0	2.0	4.2	0.0	0.0	0.0	0.0	4.2	6.2
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY HAWAII

	USDA				OTHER INSTITUTIONS						
	ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.3	3.4	3.4
GRAND TOTAL	15.0	0.0	4.3	19.3	91.9	0.0	0.0	0.0	0.3	92.2	111.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY IDAHO

		USDA				OTHER INSTITUTIONS						
		ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FORSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	5.9	0.0	0.0	5.9	6.0	0.0	0.0	0.0	0.0	6.0	12.0
RP 1.02:	WATER & WATERSHEDS	6.6	0.0	0.0	6.6	1.9	0.0	0.0	0.0	0.0	1.9	8.5
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.3	0.3
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.0	0.0	0.3	0.0	0.0	1.3	1.3
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	2.6	2.6
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.4
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	12.0	12.0	0.0	0.0	7.9	0.0	0.0	7.9	19.9
RP 2.03:	FOREST PROTECTION	0.0	0.0	1.5	1.5	0.0	0.0	0.7	0.0	0.0	0.7	2.3
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.9	0.9	0.0	0.0	2.1	0.0	0.0	2.1	3.0
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	5.0	5.0	0.0	0.0	0.8	0.0	0.0	0.8	5.8
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	3.1	3.1	0.5	0.0	3.0	0.0	0.0	3.6	6.7
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	1.5
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.01:	CORN	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.03:	WHEAT	0.8	0.0	0.0	0.8	6.4	0.0	0.0	0.0	0.0	6.4	7.3
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	1.8	0.0	0.0	1.8	1.1	0.0	0.0	0.0	0.0	1.1	2.9
RP 3.05:	RICE	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.09:	FORAGE, RANGE, & PASTURE	3.1	0.0	0.0	3.1	3.1	0.0	1.1	0.0	0.0	4.2	7.4
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 3.14:	VEGETABLE CROPS	3.4	0.0	0.0	3.4	10.7	0.0	0.0	0.0	0.0	10.7	14.1
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.17:	WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 4.04:	SHEEP	5.8	0.0	0.0	5.8	1.6	0.0	0.0	0.0	0.0	1.6	7.4
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.2	0.0	0.9	0.0	0.0	3.1	3.1
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY IDAHO

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	28.1	0.0	22.7	50.8	60.0	0.0	22.1	0.0	0.0	82.1	132.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY MONTANA

		USDA				OTHER INSTITUTIONS						
		ARS/NRIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	0.5	0.0	0.0	0.5	3.2	0.0	0.0	0.0	0.4	3.7	4.2
RP 1.02:	WATER & WATERSHEDS	0.3	0.0	0.0	0.3	1.5	0.0	0.0	0.0	0.3	1.8	2.2
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 1.07:	REMOTE SENSING	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.2
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	3.6	3.6	0.0	0.0	6.4	0.0	0.0	6.5	10.1
RP 2.03:	FOREST PROTECTION	0.0	0.0	16.7	16.7	0.0	0.0	0.0	0.0	0.2	0.2	16.9
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	2.0	2.0	0.0	0.0	0.9	0.0	0.0	0.9	2.9
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	2.4	2.4
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	1.8	1.8	0.0	0.0	3.3	0.0	0.0	3.3	5.1
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1
RP 2.09:	TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 3.01:	CORN	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.02:	GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.03:	WHEAT	2.6	0.0	0.0	2.6	10.4	0.0	0.0	0.0	0.0	10.4	13.0
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	1.2	0.0	0.0	1.2	8.8	0.0	0.0	0.0	0.0	8.8	10.1
RP 3.06:	SOYBEANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.09:	FORAGE, RANGE, & PASTURE	9.7	0.0	0.0	9.7	10.2	0.0	0.0	0.0	0.0	10.2	19.9
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.6	0.0	0.0	0.6	0.7	0.0	0.0	0.0	0.0	0.7	1.4
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 4.01:	BEEF	6.4	0.0	0.0	6.4	8.7	0.0	0.0	0.0	0.0	8.7	15.1
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY MONTANA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	21.7	0.0	28.2	49.9	72.9	0.0	13.4	0.0	1.0	87.3	137.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY NEVADA

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.7	0.7	0.1	0.0	0.0	0.0	0.0	0.1	0.8
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.09: FORAGE, RANGE, & PASTURE	4.0	0.0	0.0	4.0	4.4	0.0	0.0	0.0	0.0	4.4	8.4
RP 3.10: COTTON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	1.0	1.4	1.4
RP 4.01: BEEF	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5	5.5
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	4.0	0.0	1.0	5.0	33.8	0.0	0.0	0.0	1.0	34.8	39.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY NEW MEXICO

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 1.02:	WATER & WATERSHEDS	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.7	1.7
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.03:	FOREST PROTECTION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.6
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	1.6	1.6	0.1	0.0	0.0	0.0	0.0	0.1	1.7
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.01:	CORN	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.02:	GRAIN SORGHUM	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.03:	WHEAT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.06:	SOYBEANS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.07:	PEANUTS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.09:	FORAGE, RANGE, & PASTURE	6.1	0.0	0.0	6.1	9.9	0.0	0.0	0.0	0.0	9.9	16.0
RP 3.10:	COTTON	4.0	0.0	0.0	4.0	3.3	0.0	0.0	0.0	0.0	3.3	7.3
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	6.3	6.3
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.0	2.1	2.1
RP 4.01:	BEEF	0.4	0.0	0.0	0.4	6.9	0.0	0.0	0.0	0.0	6.9	7.3
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.04:	SHEEP	0.4	0.0	0.0	0.4	1.9	0.0	0.0	0.0	0.0	1.9	2.3
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 5.02:	LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY NEW MEXICO

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.1	1.0	1.0
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
GRAND TOTAL	11.0	0.0	4.2	15.2	63.1	0.0	0.0	0.0	1.1	64.2	79.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY OREGON

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	0.7	0.0	0.0	0.7	11.3	0.0	0.6	0.0	0.0	12.0	12.8
RP 1.02:	WATER & WATERSHEDS	1.5	0.0	0.0	1.5	6.0	0.0	1.7	0.0	0.0	7.7	9.2
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	1.4	0.0	1.2	0.0	0.0	2.6	2.6
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	5.5	0.0	1.0	0.0	0.0	6.6	6.6
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.5	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.1	0.6
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	10.0	0.0	0.1	0.0	0.0	10.1	10.1
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	7.6	7.6	0.5	0.0	0.9	0.0	0.0	1.4	9.0
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	19.5	19.5	3.0	0.0	16.8	0.0	0.0	19.8	39.4
RP 2.03:	FOREST PROTECTION	0.0	0.0	17.5	17.5	0.1	0.0	1.4	0.0	0.0	1.5	19.1
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	13.8	13.8	0.0	0.0	20.8	0.0	0.0	20.8	34.6
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	5.8	5.8	0.0	0.0	3.3	0.0	0.0	3.3	9.2
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	1.4	1.4	0.0	0.0	0.1	0.0	0.0	0.1	1.5
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.1	1.1
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	1.3	1.3	0.0	0.0	0.1	0.0	0.0	0.1	1.4
RP 2.10:	TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	1.5
RP 2.11:	FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.2
RP 3.01:	CORN	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.03:	WHEAT	5.4	0.0	0.0	5.4	11.6	0.0	0.0	0.0	0.0	11.6	17.0
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.1	0.0	0.0	0.1	5.2	0.0	0.0	0.0	0.0	5.2	5.4
RP 3.06:	SOYBEANS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.09:	FORAGE, RANGE, & PASTURE	7.2	0.0	0.0	7.2	8.9	0.0	0.0	0.0	0.0	8.9	16.2
RP 3.12:	NEW CROPS & MINOR OILSEEDS	1.3	0.0	0.0	1.3	12.2	0.0	0.0	0.0	0.0	12.2	13.5
RP 3.13:	FRUIT	3.2	0.0	0.0	3.2	29.5	0.0	0.0	0.0	0.0	29.5	32.7
RP 3.14:	VEGETABLE CROPS	3.0	0.0	0.0	3.0	15.8	0.0	0.0	0.0	0.9	16.7	19.7
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 3.16:	BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.17:	WEEDS IN CROPS	0.1	0.0	0.0	0.1	0.5	0.0	0.2	0.0	0.0	0.7	0.9
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	6.5	6.5
RP 3.19:	NONSPECIFIC PLANTS	5.1	0.0	0.0	5.1	8.2	0.0	0.0	0.0	0.1	8.3	13.4
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	13.4	0.0	0.0	0.5	0.0	13.9	13.9
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.3	0.0	5.1	5.1
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.1	0.0	5.2	5.2
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.3	0.0	4.1	4.1
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.3	0.0	2.0	2.0
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	2.1	0.0	0.0	1.0	0.0	3.1	3.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY OREGON

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	5.3	0.0	0.0	1.1	0.0	6.4	6.4
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	48.5	0.0	0.0	0.0	0.0	48.5	48.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	10.6	0.0	0.3	0.0	0.0	11.0	11.0
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	5.1	5.1
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.0	0.0	14.5	14.5
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	28.4	0.0	67.2	95.6	272.7	0.0	51.6	3.7	1.1	329.1	424.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY UTAH

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 1.02:	WATER & WATERSHEDS	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.07:	REMOTE SENSING	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.08:	AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	4.2	4.2	0.2	0.0	0.0	0.0	0.0	0.2	4.4
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.03:	FOREST PROTECTION	0.0	0.0	3.4	3.4	0.3	0.0	0.0	0.0	0.0	0.3	3.7
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	4.9	4.9	0.4	0.0	0.0	0.0	0.0	0.4	5.4
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	3.5	3.5	1.5	0.0	0.0	0.0	0.0	1.5	5.0
RP 2.07:	FOREST RECRIATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.11:	FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.03:	WHEAT	0.2	0.0	0.0	0.2	3.6	0.0	0.0	0.0	0.0	3.6	3.8
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 3.09:	FORAGE, RANGE, & PASTURE	9.3	0.0	0.0	9.3	7.7	0.0	0.0	0.0	0.0	7.7	17.0
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.16:	BEES & OTHER POLLINATING INSECTS	4.0	0.0	0.0	4.0	0.6	0.0	0.0	0.0	0.0	0.6	4.6
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.3	4.3
RP 4.01:	BEEF	4.7	0.0	0.0	4.7	3.1	0.0	0.0	0.0	0.0	3.1	7.9
PP 4.02:	DAIRY	1.5	0.0	0.0	1.5	11.8	0.0	0.0	0.0	0.0	11.8	13.3
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RP 4.04:	SHEEP	2.2	0.0	0.0	2.2	6.7	0.0	0.0	0.0	0.0	6.7	8.9
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.0	0.0	0.0	1.0	0.7	0.0	0.0	0.0	0.0	0.7	1.7
RP 4.08:	NONSPECIFIC ANIMALS	0.5	0.0	0.0	0.5	1.1	0.0	0.0	0.0	0.0	1.1	1.6
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 6.03:	MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 8.01:	HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 8.03:	FOOD SAFETY	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.4	2.8	2.8
GRAND TOTAL		23.5	0.0	16.1	39.6	76.6	0.0	0.0	0.0	0.5	77.1	116.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY WASHINGTON

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	3.4	0.0	0.0	3.4	4.6	0.0	0.0	0.0	0.0	4.6	8.1
RP 1.02: WATER & WATERSHEDS	2.7	0.0	0.0	2.7	2.3	0.0	0.1	0.0	0.0	2.4	5.2
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.6	2.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.4	0.0	1.5	0.0	0.0	1.9	1.9
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.7	0.0	0.6	0.0	0.0	1.3	1.3
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	1.1	0.0	0.3	0.0	0.0	1.4	1.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	1.2	1.2	2.0	0.0	2.8	0.0	0.6	5.5	6.8
RP 2.03: FOREST PROTECTION	0.0	0.0	2.4	2.4	1.4	0.0	0.7	0.0	0.0	2.1	4.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	5.2	5.2	3.0	0.0	5.9	0.0	1.8	10.7	15.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	2.2	2.2	0.9	0.0	7.2	0.0	0.0	8.1	10.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	3.2	3.2	0.0	0.0	2.2	0.0	0.0	2.2	5.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	2.1	2.1	0.1	0.0	1.3	0.0	0.0	1.4	3.5
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.3	0.3	0.0	0.0	0.6	0.0	0.0	0.6	0.9
RP 2.09: TECHNICAL ASSISTANCE	0.5	0.0	0.0	0.5	0.3	0.0	0.1	0.0	0.0	0.4	0.9
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
RP 3.01: CORN	0.4	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.6	1.0
RP 3.03: WHEAT	9.6	0.0	0.0	9.6	12.3	0.0	0.0	0.0	0.0	12.3	21.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.3	0.0	0.0	0.3	2.4	0.0	0.0	0.0	0.0	2.4	2.7
RP 3.05: RICE	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 3.09: FORAGE, RANGE, & PASTURE	5.0	0.0	0.0	5.0	4.8	0.0	0.0	0.0	0.0	4.8	9.8
RP 3.10: COTTON	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.2	0.0	0.0	0.2	3.6	0.0	0.0	0.0	0.0	3.6	3.9
RP 3.13: FRUIT	15.3	0.0	0.0	15.3	21.9	0.0	0.0	0.0	0.0	21.9	37.2
RP 3.14: VEGETABLE CROPS	11.4	0.0	0.0	11.4	18.4	0.0	0.0	0.0	0.0	18.4	29.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.1	2.2	2.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.17: WEEDS IN CROPS	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5
RP 3.18: SEEDS	0.3	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.2	0.5
RP 3.19: NONSPECIFIC PLANTS	5.0	0.0	0.0	5.0	17.4	0.0	0.0	0.0	0.0	17.4	22.5
RP 4.01: BEEF	4.2	0.0	0.0	4.2	5.2	0.0	0.0	1.2	0.5	7.0	11.3
RP 4.02: DAIRY	1.0	0.0	0.0	1.0	7.8	0.0	0.0	0.1	0.1	8.0	9.0
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	5.8	5.8
RP 4.04: SHEEP	1.2	0.0	0.0	1.2	0.8	0.0	0.0	0.0	0.0	0.8	2.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY WASHINGTON

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.7	0.0	0.0	0.7	0.8	0.0	0.0	0.5	0.0	1.3	2.0
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	0.0	26.5	26.5
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	6.4	0.0	0.0	1.1	0.0	7.5	7.5
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.9	0.0	0.3	0.0	0.0	1.3	1.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	1.7	0.0	0.0	1.7	3.4	0.0	0.0	0.0	0.1	3.5	5.3
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 8.03: FOOD SAFETY	1.2	0.0	0.0	1.2	2.4	0.0	0.0	0.0	0.0	2.4	3.6
GRAND TOTAL	65.3	0.0	16.8	82.1	157.6	0.0	24.0	29.5	3.6	214.7	296.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1987 REGION 4

RESEARCH PROGRAM SUMMARY WYOMING

		USDA				OTHER INSTITUTIONS						
	ARS/NHIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.7	0.0	0.0	0.7	1.7	0.0	0.0	0.0	0.0	1.7	2.4
RP 1.02: WATER & WATERSHEDS	0.3	0.0	0.0	0.3	1.9	0.0	0.0	0.0	0.0	1.9	2.2
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	2.3
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	2.5	2.5	1.3	0.0	0.0	0.0	0.0	1.3	3.8
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.03: WHEAT	0.1	0.0	0.0	0.1	1.0	0.0	0.0	0.0	0.0	1.0	1.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.09: FORAGE, RANGE, & PASTURE	1.7	0.0	0.0	1.7	8.7	0.0	0.0	0.0	0.0	8.7	10.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.01: BEEF	3.6	0.0	0.0	3.6	10.4	0.0	0.0	0.0	0.0	10.4	14.0
RP 4.02: DAIRY	3.2	0.0	0.0	3.2	1.4	0.0	0.0	0.0	0.0	1.4	4.6
RP 4.04: SHEEP	1.6	0.0	0.0	1.6	3.6	0.0	0.0	0.0	0.0	3.6	5.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
GRAND TOTAL	12.0	0.0	4.8	16.8	48.4	0.0	0.0	0.0	0.0	48.4	65.2

* U.S. GOVERNMENT PRINTING OFFICE:1988-516-000:81105/CSRS